NAVY TRAINING SYSTEM PLAN

FOR THE

AIM-9M

SIDEWINDER MISSILE SYSTEM

(FOR MODELS THROUGH AIM-9M-10)

N78-NTSP-A-50-8105C/P

FEBRUARY 2002

AIM-9M SIDEWINDER MISSILE SYSTEM

EXECUTIVE SUMMARY

This Navy Training System Plan (NTSP) has been developed in accordance with Office of the Chief of Naval Operations Instruction (OPNAVINST) 1500.76 to identify the life-cycle manpower, personnel, and training requirements associated with the AIM-9M Sidewinder Missile.

The Air Launch Aerial-Intercept Guided Missile (AIM)-9 series Sidewinder Missile is a short-range, air-to-air missile, whose mission is to detect, home-in, intercept, and destroy enemy aircraft. The AIM-9L missile evolved because of a combined Navy and Air Force effort to develop an air-to-air missile with a greater tracking rate and tighter turn capability than earlier series missiles. The missile featured an improved target detector that enhanced its effectiveness in short-range combat scenarios.

The AIM-9M missile evolution was driven by the AIM-9L Product Improvement Program (PIP) and developed into full-scale development, test, and evaluation program during Fiscal Year (FY) 78/79. The first AIM-9M variant, the AIM-9M-1, was fielded in FY 82. The Guidance Control Section (GCS) is the only component unique to the AIM-9M, which, prior to the AIM-9M-8, has three Navy variants: AIM-9M-1 or AIM-9M-3 (both use the same GCS), AIM-9M-4, and AIM-9M-6. The AIM-9M-8 contains the latest GCS variant that improves Navy warfighting capability over earlier AIM-9M variants to counter Infrared (IR) Countermeasures (CM) from aerial threats. The first AIM-9M-8 was fielded in FY95. The AIM-9M-10 is a limited retrofit to the current AIM-9M-8 inventory to support the F/A-18E/F Aircraft. It differs from previous versions by the replacement of wings and forward hanger.

The AIM-9M-8 upgrade affected only the AIM-9M GCS through the replacement of five circuit cards and the associated parent board. The AIM-9M-10 modification replaced wings and forward hanger. The new wings resist delaminating and the new forward hangar resists wear better than previous versions. Based on the nature of these changes, there was no impact to organizational or intermediate level maintenance with regard to manpower level or personnel skills. Intermediate level maintenance training was affected by a new tap test for wing delamination. Aircrew and operators are not impacted with regard to manpower level or personnel skills, but aircrew training was impacted by the additional missile status tones introduced in the AIM-9M-8. The Naval Air Warfare Center, Weapons Division (NAWCWD) China Lake, developed a familiarization video to introduce the new capability to squadrons, and PMA205 and NSAWC N7 (TOPGUN) developed Interactive Courseware (ICW) to support missile status tone training.

Existing skills are adequate to operate and maintain the AIM-9M-8 and AIM-9M-10. No new billets are needed to support the AIM-9M-8 or AIM-9M-10.

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LIST OF ACRONYMS

AIM	Air Launch Aerial-Intercept Guided Missile
AIMD	Aviation Intermediate Maintenance Department
AMRAAM	Advanced Medium Range Air to Air Missile
AMTCS	Aviation Maintenance Training Continuum System
AO	Aviation Ordnanceman
ASM	AMTCS – Software System
AT	Aviation Electronics Technician
AUR	All-Up-Round
AWB	Airborne Weapon Bulletin
AWC	Airborne Weapon Change
BRAC	Base Realignment And Closure
BCM	Beyond the Capability of Maintenance
CAI	Computer Aided Instruction
CATM	Captive Air Training Missile
CBT	Computer Based Training
CEST	Classroom EOD System Trainer
CM	Countermeasures
CMI	Computer Managed Instruction
CNO	Chief of Naval Operations
COAST	Common Organizational-level Armament System Tester
COTS	Commercial Off-The-Shelf
CRALTS	Common Racks And Launchers Test Set
CV	Aircraft Carrier
CVN	Aircraft Carrier, Nuclear
CWTPI	Conventional Weapons Technical Proficiency Inspection
DATM	Dummy Air Training Missile
DLA	Defense Logistics Agency
DOLT	Date Of Last Test
DRP	Designated Repair Point
ECR	Electronic Classrooms
EOD	Explosive Ordnance Disposal
EODTEU	Explosive Ordnance Disposal Training and Evaluation Unit
ETJ	Electronic Training Jacket

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LIST OF ACRONYMS

FMS	Foreign Military Sales
FRS	Fleet Replacement Squadron
FTD	Fleet Training Devices
FWST	Fleet Weapons Support Team
FY	Fiscal Year
GCS	Guidance Control Section
GFE	Government Furnished Equipment
HSI	Human Systems Integration
ICW	Interactive Courseware
ILSP	Integrated Logistics Support Plan
IOC	Initial Operational Capability
IR	Infrared
IRCM	Infrared Countermeasures
JHMCS	Joint-service Helmet Mounted Cueing System
JPPSP	Joint Post Production Support Plan
LEAD	Letterkenny Army Depot
LRC	Learning Resource Centers
MALS	Marine Aviation Logistics Squadron
MATMEP	Marine Aviation Training Management Evaluation Program
MAWTS	Marine Corps Air Weapons and Tactics Squadron
MCAF	Marine Corps Air Facility
MCAS	Marine Corps Air Station
MCO	Marine Corps Order
MDD	Maintenance Due Date
MFT	Mission Flight Trainer
MOS	Military Occupational Specialty
MPT	Manpower, Personnel, and Training
MTIP	Maintenance Training Improvement Program
MTL	Master Task List
MTU	Maintenance Training Unit

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LIST OF ACRONYMS

NA	Not Applicable
NALC	Naval Aviation Logistics Code
NALC IMSD	Naval Aviation Logistics Center Inventory Management and Systems Division
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAMTRA MARUNIT	Naval Air Maintenance Training Marine Unit
NAMTRAU	Naval Air Maintenance Training Unit
NAS	Naval Air Station
NATM	Special Test Air Training Missile
NAVAIRSYSCOM	Naval Air Systems Command
NAVICP	Naval Inventory Control Point
NAVSCOLEOD	Navy EOD School
NAVWPNSUPPCEN	Naval Weapons Support Center
NAWCWD	Naval Air Warfare Center Weapons Division
NAWMU	Naval Airborne Weapons Maintenance Unit
NCEA	Non-Combat Expenditure Allocation
NEC	Navy Enlisted Classification
NFO	Navy Flight Officer
NNOR	Non-Nuclear Ordnance Requirement
NOMMP	Naval Ordnance Maintenance Management Program
NS	Naval Station
NSAWC	Naval Strike and Air Warfare Center
NSD	Navy Support Date
NSWC-IH	Naval Strike Warfare Center – Indian Head
NTP	Navy Training Plan
NTRDM	Navy Training Requirements Documentation Manual
NTSP	Navy Training System Plan
NWS	Naval Weapons Station
OATMS	OPNAV Aviation Training Management System
OJT	On the Job Training
OPEVAL	Operational Evaluation
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
OT-IIA	Operational Assessment
OT-IIB	Operational Evaluation
PDA	Principal Development Agency

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LIST OF ACRONYMS

PEST	Practical Explosive Ordnance Disposal System Trainer
PIP	Product Improvement Program
PMA	Program Manager, Air
QUAL/CERT	Qualification and Certification
RIO	Radar Intercept Operator
RSP	Render Safe Procedures
S-A	Safety-Arming
SEAM	Sidewinder Expanded Acquisition Mode
SELRES	Selected Reserves
SFTI	Strike Fighter Tactics Instructor
SFTP	Strike Fighter Training Program
SFTS	Strike Fighter Training System
SFWS	Strike Fighter Weapons School
SFWSL	Strike Fighter Weapons School, Atlantic
SFWSP	Strike Fighter Weapons School, Pacific
SFWT	Strike Fighter Weapons and Tactics
SIST	Serviceable-In-Service Time
STRKFTRWING	Strike Fighter Wing
SWATSLANT	Strike Weapons and Tactics School, Atlantic
TALD	Tactical Air Launched Decoy
TD	Training Device
TEV	Test and Evaluation
TOFT	Tactical Operational Flight Trainer
TOPGUN	NSAWC N7
TTE	Technical Training Equipment
TYAD	Tobyhanna Army Depot
TYCOM	Type Commander
USAF	United States Air Force
USMC	United States Marine Corps
USN	United States Navy
VMAT	Marine Attack Training Squadron
VMFAT	Marine Fighter Attack Training Squadron

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LIST OF ACRONYMS

WSO	Weapon and Sensor Operator
WST	Weapon Systems Trainer
WTT	Weapon Tactics Trainer

AIM-9M SIDEWINDER MISSILE SYSTEM

PREFACE

This Proposed Navy Training System Plan (NTSP) for the Air Launch Aerial-Intercept Guided Missile (AIM) -9M Sidewinder Missile was developed to update the previous version of AIM-9 Sidewinder Missile System Draft Navy Training Plan (NTP), A-50-8105B dated November 2001. The NTSP identifies the lifecycle Manpower, Personnel, and Training (MPT) requirements associated with the AIM-9M Sidewinder Missile System. It complies with Office of the Chief of Naval Operations Instruction (OPNAVINST) 1500.76 and the guidelines set forth in the Navy Training Requirements Documentation Manual (NTRDM), P-751-1-9-97.

The major changes and updates to this NTSP consist of:

PART I   Updated to reflect progress made during the fielding and operation of the AIM-9M-8, transition of Guidance Control Section depot repair capability from Letterkenny Army Depot to Tobyhanna Army Depot, the impact of the AIM-9X program's Government Furnished Equipment (GFE) requirements on the AIM-9M inventory, and the limited introduction of the AIM-9M-10 for the F/A-18E/F community.

PART II   Recalculated to depict current billet requirements of fleet support units through Fiscal Year (FY) 06.

PART III   Updated by recalculating chargeable student billets through FY06.

PART IV   Updated to refine the training and training logistics support requirements. This update included referencing and conforming to CNO's Non-Combat Expenditure Allowance (NCEA) Captive Air Training Missile/Dummy Air Training Missile CATM/DATM policy in the OPNAVINST 8010.99 Ordnance Stockpile Management Instruction.

PART V   Updated to reflect programmatic and technical schedule changes.

PART VI   Updated to include open action/watch items.

PART VII   Updated to reflect current Points of Contact.

PART I - TECHNICAL PROGRAM DATA

A. TITLE-NOMENCLATURE-PROGRAM.

1. Title-Nomenclature-Acronym. Sidewinder Missile System - Air Launch Aerial-Intercept Guided Missile (AIM)-9M.

2. Program Element. 64354N

B. SECURITY CLASSIFICATION.

1. **System Characteristics** .... Secret
2. **Capabilities** .... Secret
3. **Functions** .... Confidential

C. NTSP PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor .... CNO (N78)

OPO Resource Sponsor.. CNO (N781C8)

Marine Corps Program Sponsor .... CMC (ASL-30)

Developing Agency .... PEO (T) (PMA259)

Training Agency.. CINCLANTFLT
CINCPACFLT
CNET
COMNAVAIRRESFOR
MAWTS-1
NSAWC

Training Support Agency .... NAVAIRSYSCOM (PMA205)
COMNAVAIRRESFOR (N3W)

Manpower and Personnel Mission Sponsor... CNO (N12)
NAVPERSCOM (PERS-21, PERS-4, PERS-404)

Director of Naval Training .... CNO (N7)

Commander, Reserve Program Manager....................................COMNAVAIRRESFOR (N3W)

Marine Corps Total Force Structure... MCCDC (C-5352)

D. SYSTEM DESCRIPTION

1. Operational Uses. The AIM-9M series Sidewinder Missile is a short-range air-to-air missile. The missile is used to track, home in on, intercept, and destroy enemy aircraft. The AIM-9M can be launched from a number of Navy, Marine Corps and Air Force aircraft platforms. This NTSP will only address the AV-8, F-14, F/A-18 and AH-1 platforms.

The AIM-9M-8/9 upgrade retrofitted Sidewinder missiles from the AIM-9M-1 and AIM-9M-3 to the AIM-9M-8 configuration for the Navy and the AIM-9M-9 for the United States Air Force (USAF). For the purpose of this NTSP, only the AIM-9M-8 is addressed. The change incorporated electronics processing modifications to improve the tracking capabilities against modern Infrared Countermeasures (IRCM).

The AIM-9M-10 upgrade retrofitted Sidewinder missiles from the AIM-9M-8 configuration to meet the requirements of the F/A-18E/F flight environment. Modifications included replacing the four fixed wings with wings that have improved resistance to delaminating and replacement of the forward hanger with a hanger that has improved resistance to wear. Sidewinder variants other than the AIM-9M-10 and its corresponding CATM-9M-27 are not authorized for loading on the F/A-18E/F model aircraft at this time.

2. Foreign Military Sales. The AIM-9 is approved for Foreign Military Sales (FMS) to various countries. For detailed FMS information, contact Program Manager, Air (PMA) 259.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST

1. Developmental Test Not Completed. Not applicable (NA)

2. Developmental Test Completed. Developmental testing for the AIM-9M-8 was conducted during third quarter FY91 through third quarter FY92 by Naval Air Warfare Center, Weapons Division (NAWCWD) China Lake, California.

3. Operational Test Not Completed. Not Applicable (NA)

4. Operational Test Completed. Operational testing for the AIM-9M-8 began in the fourth quarter FY92 and was decertified in the first quarter of FY93. An operational test and readiness review was conducted in the second quarter of FY93, and operational testing resumed in the third quarter of FY93 and was completed in second quarter of FY94. The Operational assessment (OT-IIA) was conducted by VX-4. Operational evaluation (OT-IIB) was conducted by VX-5.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The AIM-9M-8 modification replaced circuit card assemblies in the electronics assembly of the guidance control section. AIM-9M-8 modifications were made to AIM-9M-1 and AIM-9M-3 missiles.

G. DESCRIPTION OF NEW DEVELOPMENT. The Sidewinder AIM-9M program is not a new development. Initial Operational Capability (IOC) was achieved in FY95. Both internal and external programs have impacted the program, however. Internally, the Guidance Control Section (GCS) depot function moved from Letterkenny Army Depot (LEAD) to Tobyhanna Army Depot (TYAD). Externally, the Sidewinder AIM-9X, the Joint-service Helmet Mounted Cueing System (JHMCS), and the F/A-18E/F Super Hornet programs include AIM-9M in various capacities. In the Sidewinder AIM-9X program, AIM-9M components are provided as GFE to be used/modified and built up with the AIM-9X guidance section to form the AIM-9X All-Up-Round (AUR) missile. The AIM-9X GFE requirement for its production line will begin to impact the AIM-9M inventory in FY06. The JHMCS program will provide another means to cue the AIM-9M to targets and threats and is anticipated to achieve IOC in FY03. The F/A-18E/F program will provide another aircraft platform to employ AIM-9M and is anticipated to achieve IOC in FY03.

     1. Functional Description. The AIM-9M is a supersonic, air-to-air, guided missile that contains a passive Infrared (IR) homing target detector, proportional navigational guidance, and a torque-balance control system. The missile is propelled by a solid-propellant rocket motor. The AIM-9M is configured with an annular blast fragmentation warhead. Four wings provide aerodynamic lift and stability for the missile. Rollerons on each wing reduce the missile roll rate and wing flutter. Airframe maneuvering is accomplished by four fins mounted in line with and forward of the wings and is activated by the torque-balance servo system. The AIM-9 Sidewinder Missile is comprised of the following components:

        a. Guidance Control Section (GCS). All AIM-9M GCS are comprised of three major assemblies; a seeker assembly for detecting and tracking the target; an electronics assembly for processing detected target information; and a servo assembly that transforms electrical tracking signals to mechanical movement of the fins. An umbilical cable assembly provides the electrical interface between the missile GCS and the aircraft launcher. The umbilical cable also allows the flow of coolant from the LAU-7 to the missile GCS. AIM-9M GCS versions include the WGU-4A/B used in the AIM-9M-1 and AIM-9M-3, the WGU-4C/B used in the AIM-9M-4, the WGU-4D/B used in the AIM-9M-6, and the WGU-4E/B GCS used in the AIM-9M-8 and the AIM-9M-10. The WGU-4E/B GCS uses advanced technology that has evolved through the WGU-4D/B development, while expanding the potential of the IRCM detection circuitry and improving the missile's capability with respect to tactical IRCM deployment. The current tactical missile inventory consists exclusively of AIM-9M-8, of which 1,000 will be retrofitted to the AIM-9M-10 configuration for the F/A-18E/F community. A corresponding 250 CATM-9M-27 will be built-up to support F/A-18E/F aircrew training. Some WGU-4A/B and WGU-4D/B GCS

are still used in training missile configurations for live fire exercises, and will eventually be depleted through the annual AIM-9M NCEA.

       b. Target Detectors, DSU-15/B, DSU-15A/B, DSU-15B/B. These target detectors are narrow-beam, active optical-proximity fuze systems designed to detect the presence of a target and initiate warhead detonation. Major components within the target detectors are a transmitter that emits four narrow fan-shaped beams through four lenses, a laser receiver that detects reflected energy, signal-processing circuitry to initiate detonation, and a thermal battery to provide internal power after missile launch. All target detectors are interchangeable in the AIM-9M design; however, only the DSU-15B/B and DSU-15/B are compatible with the Special Test Air Training Missile (NATM)-9M-2, NATM-9M-3, and NATM-9M-4 configurations, because they feature a communication tube that allows routing of the telemetry cable assembly.

       c. Safety-Arming Device, Mk 13 Mod 2. The Safety-Arming (S-A) device is designed to arm the Sidewinder Missile at a safe distance from the launch aircraft and to detonate the warhead upon command from the Target Detector or GCS via contact fuze. The major components of the S-A device are an interrupted explosive train, acceleration arming device, and associated electrical switches. The S-A device has two windows: the forward window allows viewing of the launch latch to verify proper engagement, while the aft window allows viewing of the SAFE/ARM indicator.

       d. Warhead, WDU-17/B. The warhead provides the destructive force of the missile. The warhead consists of a case assembly, two booster plates, high explosives, an initiator, and fragmentation rods. Exercise Warheads (smoke/flash), WDU-9A/B, are used in NATMs.

       e. Rocket Motor, Mk 36 Mods 7/8/9/10/11/13. The rocket motor provides the propulsion for sustained flight of the missile. The rocket motors (Mk 36 Mod 7 through Mod 13) are solid propellant, high-thrust rocket motors that comprise the aft end of the AIM-9M. The Mk 36 Mod 13 rocket motor is used on the AIM-9M-10 configuration exclusively. It is a Mk 36 Mod 11 rocket motor retrofit with the new and improved forward hanger made with ALLVAC 13-8 wrought steel. A corresponding retrofit is made to the Mk 57 Mod 3 dummy/training rocket motor to create the Mk 57 Mod 4 dummy/training rocket motor, which supports the build-up of the AIM-9M-10 CATM (CATM-9M-27).

       f. Wings, Mk 1 Mods 0/1/2/5. Four wings, attached to the aft end of the rocket motor, provide aerodynamic lift and stability for the missile during flight. Each wing has a rolleron assembly that is uncaged during free flight to provide roll (rate) stabilization. The Mk 1 Mod 5 is used on the AIM-9M-10 and CATM-9M-27 configurations exclusively. It is a Mk 1 Mod 2 wing retrofit with the new and improved cager assembly.

g. Fins, BSU-32/B. Four fins, attached to the GCS, provide a lift force on the forward airframe proportional to the input signal from the seeker, missile velocity, and altitude. The fins are electrically actuated and pneumatically controlled by a servo system in the aft portion of the GCS.

2. Physical Description. The physical and electrical characteristics of the Sidewinder missile are as follows:

Table I-1. AIM-9M Leading Particulars.

Length:	113.1 inches
Diameter:	5.0 inches
Wing Span:	25.2 inches
Weight:	188.2 pounds
Power Requirements (external):	115 VAC, 400 HZ and 28 VDC
Power Requirements (internal):	27 VDC Thermal Battery

3. New Development Introduction. The AIM-9M-8 missile was introduced into the Navy inventory through an AIM-9M retrofit program. The Navy began receiving WGU-4E/B GCSs in fourth quarter FY94 and had AIM-9M-8 AUR available for issue by second quarter FY95. The last AIM-9M-8/9 seeker production/retrofit contract completed deliveries in the second quarter of FY00. The Navy accumulated a total of 4,207 AIM-9M-8 AURs. The AIM-9M-10 missile will be introduced into the Navy inventory through an AIM-9M retrofit program and will be used exclusively on the F/A-18E/F model aircraft. Approximately 1,000 AIM-9M will be retrofit to the AIM-9M-10 configuration, while approximately 250 CATM-9M will be retrofit to the CATM-9M-27 configuration.

4. Significant Interfaces. The AIM-9M can be launched from a number of Navy and Marine Corps aircraft platforms. These include the AV-8, F-14, F/A-18 and AH-1, which all use the LAU-7 launcher to interface with the missile. Additionally, the F/A-18 can launch the AIM-9M using the LAU-127 launcher, while the F-14 can launch the AIM-9M using the LAU-138 launcher.

5. New Features, Configurations, or Material. The AIM-9M-8, features improved tracking capabilities against modern IRCM and provides new missile status tones (audio cues) to the pilot. The AIM-9M-10 features a forward hangar made of wrought steel (ALLVAC 13-8) versus previous cast steel (17-4) and an improved cager assembly in its wings in order to meet the environmental requirements imposed by the F/A-18E/F Aircraft.

H. CONCEPTS

1. Operational Concept. The AIM-9M can be employed on several Navy and Marine Corps tactical aircraft. The AIM-9M has been integrated on F-14, F/A-18, and AV-8B fixed

wing aircraft and on the AH-1 rotary wing aircraft. The Sidewinder Missile is used during air-to-air combat evolutions. The missile is launched from an aircraft after target detection to home-in, intercept, and destroy enemy aircraft. The AIM-9M seeks and homes in on IR energy emitted by the target. When an IR-emitting source enters the seeker field of view, the electronics unit generates an audio signal. The pilot hears the signal through the headset, indicating that the AIM-9M has acquired a potential target. One method of cueing the AIM-9M to the target's IR energy source is referred to as boresight, whereby the missile is physically pointed toward the target via the pilot maneuvering the aircraft. The IR energy gathered by the missile seeker is converted to electronic signals that enable the missile to acquire and track the target up to its seeker gimbal limits. A second method of cueing the AIM-9M to the target's IR energy is the Sidewinder Expanded Acquisition Mode (SEAM). SEAM slaves the AIM-9M seeker to the aircraft radar. The aircraft avionics system can slave the missile seeker up to a given number of degrees from the missile/aircraft boresight axis. The missile seeker is slaved until an audible signal indicates seeker target acquisition. Upon target acquisition, a seeker interlock in the missile is released (uncaged) and the missile seeker begins tracking the target. The AIM-9M seeker will then continue to track the target. A third method for cueing the AIM-9M to the target's IR energy will be through use of the JHMCS. This method will allow the pilot to cue the AIM-9M seeker up to its seeker gimbal limits via helmet movement. The pilot can launch the AIM-9M anytime after receipt of the appropriate audible signal.

2. Maintenance Concept. The AIM-9 maintenance objective is to assure that AURs are available to fulfill commitments of operational activities, and to provide the means to restore unserviceable missiles to serviceable condition with minimal downtime. Maintenance functions are allocated to three levels of maintenance as defined in the Naval Ordnance Maintenance Management Program (NOMMP), OPNAVINST 8000.16 (series), which replaced the Naval Airborne Weapons Maintenance Program, OPNAVINST 8600.2 (series) in September 1999.

a. Organizational-level. Aircraft squadrons perform organizational-level maintenance. It is limited to visual inspections, launcher functional checks, replacement of launcher nitrogen receiver assemblies, loading and downloading of the missile, installation and removal of accessory items such as safety and protection devices, performance of the IR source test and tracking, and recording of captive flight time. Missiles requiring maintenance are returned to the intermediate maintenance activity for maintenance or disposition.

b. Intermediate-level. Weapons Department, Aviation Intermediate Maintenance Department (AIMD), Naval Airborne Weapons Maintenance Unit One (NAWMU 1) Guam, and Marine Aviation Logistics Squadrons (MALS) perform intermediate-level maintenance. It is limited to packing and unpacking, inspections, cleaning, paint touch-up, preservation, removal and installation of wings and fins, replacement of specified parts, and servicing of the nitrogen receiver. Tactical missiles and training components that are Beyond the Capability of Maintenance (BCM) of the intermediate maintenance activity are returned to AUR depot for repair or disposition.

c. Depot

(1) **AUR Depot.** Naval Weapons Stations (NWS) Fallbrook, California, Yorktown, Virginia, and NAWMU-1 perform AUR depot level maintenance. They provide repair capability for missile components BCM at the intermediate level. Maintenance includes AUR packing and unpacking, AUR assembly and disassembly, missile processing, wings and fins maintenance and Sidewinder container maintenance.

(2) **Component Depot.** The Sidewinder program has implemented component depot-level repair capabilities at appropriate Designated Repair Points (DRP) within the joint services' missile maintenance activities. This approach takes full advantage of existing capabilities. TYAD is the DRP for the Sidewinder GCS. The Naval Surface Warfare Center Indian Head, Maryland, (NSWC-IH) is the DRP for the propulsion section. NWS Fallbrook and Yorktown are the DRPs for mechanical items such as wings, fins, and containers. Naval Weapons Support Center (NAVWPNSUPPCEN) Crane, Indiana, is the DRP for the Target Detector and the S-A device. TYAD achieved AIM-9M GCS repair capability in the first quarter of FY01. TYAD became the GCS repair depot as a result of a Base Realignment And Closure (BRAC) mandate, which moved the function from LEAD.

d. Interim Maintenance. The Sidewinder program is well beyond the Navy Support Date (NSD) for the AIM-9M. NAWCWD China Lake, Fleet Weapons Support Team (FWST) personnel provide technical assistance as required to organizational and intermediate activities. NAWCWD China Lake FWST personnel also provide On-the-Job Training (OJT) to organizational level and intermediate level maintenance personnel. Naval Strike Air Warfare Center (NSAWC) TOPGUN instructors provide operational updates and briefings for flight crews.

e. Life Cycle Maintenance Plan. The AIM-9M Sidewinder program has developed a Joint Post-Production Support Plan (JPPSP) that describes the AIM-9M life-cycle maintenance. The document is currently in draft form and is identified by the document number JPPSP-SW-001. Regularly scheduled maintenance for each Sidewinder AIM-9M missile, however, is determined by its last Maintenance Due Date (MDD) and the AIM-9M Serviceable-In-Service-Time (SIST). The AIM-9M SIST was increased from 36 months to 62 months in February 1996.

3. Manning Concept. The AIM-9M does not impact existing manpower requirements at Government organizational-, intermediate-, or depot-level activities. Seat factor, crew ratio, and total aircraft per squadron drive the pilot, Weapon and Sensor Operator (WSO), and Radar Intercept Operator (RIO) manpower requirements. The number of weapon pylons/stations per aircraft and total per squadron drive the load crew manpower requirements for United States Navy (USN) and United States Marine Corps (USMC) operational squadrons and Fleet Replacement Squadrons (FRS). Enlisted manning for USN and USMC intermediate maintenance

activities (Aircraft Carrier/Aircraft Carrier, Nuclear (CV/CVN), Naval Air Station (NAS), Marine Corps Air Station (MCAS), and MALS is based on the total assigned ordnance workload, and not on specific AIM-9M requirements. Skills required to support the AIM-9M are within the capability of existing Naval Enlisted Classification (NEC)s and Military Occupational Specialty (MOS)s. Refer to Part II for existing USN and USMC intermediate maintenance manpower requirements.

　　　　a. Organizational-level Maintenance. Loading an AIM-9M or a CATM-9M on Navy and Marine Corps aircraft requires five properly trained and certified ordnancemen. The particular rating, NEC and MOS for each aircraft are shown below:

Table I-2. Organizational Maintenance Personnel

Aircraft	Rating/NEC	MOS
AH-1		6531
AV-8		6531
F-14	AO 8345 or 8845	
F/A-18C/D	AO 8342 or 8842	6531
F/A-18E/F	AO 8341 or 8841	6531

　　　　b. Intermediate-level Maintenance. Three Aviation Ordnancemen (AO) are required to unpack, inspect, and deliver the AIM-9M or the CATM-9M to the flight line/flight deck. Weapons Department personnel with NEC 6801 (Work Center 700) can perform unpacking-packing evolutions for the Navy. MALS personnel with MOS 6541 can perform unpacking-packing evolutions for the Marine Corps. Two AOs are required to test, disassemble, assemble, and remove and replace components on Sidewinder-compatible launchers. AIMD personnel with NEC 6802 (Work Center 700) can perform launcher intermediate maintenance for the Navy. MALS personnel with MOS 6541 can perform launcher Intermediate maintenance for the Marine Corps.

　　　　c. Depot-level Maintenance. Depot-level maintenance manpower, both AUR depots and DRPs, is managed by the respective field activities on an annual basis. Each year, the upcoming year's maintenance workload is estimated and manpower levels are reviewed.

　　4. Training Concept. The AIM-9M training concept is divided into operator and maintenance training. Operator training is provided for aircrew personnel (pilot, RIO and WSO). The AIM-9M training concept for maintenance is divided into organizational and intermediate levels based on OPNAVINST 4790.2 (series) and OPNAVINST 8000.16 (series). Organizational-level maintenance training is provided to AO personnel shown in Table I-2. Intermediate-level training is provided to AO maintenance personnel with NECs 6801 or 6802, or MOS 6541.

Selected Reserve personnel may earn intermediate level maintenance qualifications by attending formal training at Naval Air Maintenance Training Group Detachments (NAMTRAGRU DET) and Naval Air Maintenance Training Units (NAMTRAU), providing quotas, funding, and students are available to attend the training. Specific guidelines are contained in NAVPERS 18068F Volume II, Chapter IV, Navy Enlisted Classifications.

The established training concept for most aviation maintenance training divides "A" School courses into two or more segments called Core and Strand. Many organizational-level "C" School courses are also divided into separate Initial and Career training courses. "A" School Core courses include general knowledge and skills training for the particular rating, while "A" School Strand courses focus on the more specialized training requirements for that rating and a specific aircraft or equipment, based on the student's fleet activity destination. Strand training immediately follows Core training and is part of the "A" School. Upon completion of Core and Strand "A" School, graduates attend the appropriate Initial "C" School for additional specific training. Initial "C" School training is intended for students with a paygrade of E-4 and below. This training is for personnel going to organizational level activities Career "C" School training is provided for E-5 and above personnel to enhance skills and knowledge within their field. Initial and career training is for personnel going to organizational level activities. Intermediate level "C" School training is not divided into initial and career.

a. Initial Training. AIM-9M-8 initial training was completed during FY95 and FY96. AIM-9M-10 initial training and materials are required for intermediate-level maintenance schools to incorporate the new tap test curricula required by the Mk 1 Mod 5 wings on the AIM-9M-10.

b. Follow-on Training. Training on the existing Sidewinder AIM-9M Missile is in place. Operator (aircrew) training courses were updated to include AIM-9M-8 Sidewinder information. Organizational level maintenance and intermediate level maintenance training courses required minimal updating to include the AIM-9M-8 nomenclature.

(1) Operator Training. Pilots, RIOs and WSOs are trained at the appropriate FRS for specific aircraft operation and weapons. Pilot, RIO and WSO skills in tactics and ordnance delivery are further enhanced at Strike Fighter Weapons School (SFWS), Strike Fighter Weapons and Tactics School, Atlantic (SWATSLANT), NSAWC, Marine Corps Air Weapons and Tactics School (MAWTS) 1 Yuma, Arizona, and through on-board proficiency training.

(a) Training Devices. Training Devices (TD) required for follow-on and proficiency operator training includes aircraft simulators and the CATM-9M. Also, AIM-9M assets are required for live-fire exercises, which are part of the annual NCEA. Aircrew training is heavily dependent upon the availability of CATM-9M assets, and because of the

importance of this TD, a Non-Nuclear Ordnance Requirement (NNOR) has been established. Refer to Part IV, element IV.A.2, for detailed information on CATM-9M requirements.

- **Weapons Tactics Trainer, Tactical Operational Flight Trainer, Weapon System Trainer, and Mission Flight Trainer.** Weapon Tactics Trainer (WTT), Weapon Systems Trainer, Tactical Operational Flight Trainer (TOFT), and Mission Flight Trainer (MFT) are platform-specific computer-based weapon system TDs (simulators). These TDs provide aircrew familiarization in aircraft operational procedures to include various sensor, stores and missiles employment. The various TDs for each aircraft platform that supports Sidewinder AIM-9M training are listed below.

Table I-3. AIM-9M Capable Simulators

Aircraft	TD Name	TD Number
AH-1W	WST	2F136
AV-8B	WST	2F149
AV-8B	WST	2F150
AV-8B	NAWST	2F150A
F-14B/A	WST	2F154
F-14D	WST	2F169
F-14D	MFT	2F153
F/A-18C/D	WTT	2E7
F/A-18C/D	TOFT	2F132A
F/A-18E/F	WTT	
F/A-18E/F	TOFT	

- **Captive Air Training Missile.** The CATM-9M is an inert, captive flight TD permitting realistic exercise of the AIM-9M GCS. Airborne operation of the CATM-9M provides the operator all interaction between aircraft and missile without expending the missile. CATM-9M may consist of a combination of tactical and training (inert) components or all training components. See Table I-4 for further CATM-9M configuration details. Aircrew training is heavily dependent upon the availability of CATM-9M assets, and because of the importance of this TD, a NNOR has been established (see OPNAVINST 8010.99). CATMs, although not considered expendable ordnance, are included on the Annual NCEA for allocation management purposes. The CATM training requirements are published in the applicable NTSP. Accordingly, NCEA distribution to all Major Claimants for CATMs is based on the established NTSP requirement for each weapon system. In cases where the total CATM inventory is less than the total requirement, the NCEA quantity is calculated on a fair-share percentage basis. In all cases, 100 percent of the CATM inventories will be allocated; hence, augment requests should not be submitted without compelling justification since augments will require reallocating from one claimant to another. Refer to Part IV, element IV.A.2, for detailed information on CATM-9M requirements.

Table I-4. Sidewinder CATM-9M Information

AIM-9 CONFIGURATION	NALC	CORRESPONDING CATM-9 CONFIGURATION	NALC	GCS COMMON TO BOTH CONFIGURATIONS	NALC
AIM-9M-1 or AIM-9M-3	PB55/ PV66 PC47/ PV67	CATM-9M-6 (slick) or CATM-9M-8 (W&F) or CATM-9M-1 (NAR'd) or CATM-9M-2 (slick) or CATM-9M-4 (W&F)	BWBS BWBT PC60 PC61 PV44	**NA** INERTED TACTICAL GCS WGU-4A(T-2)/B **NA** INERTED TACTICAL GCS WGU-4A(T-2)/B WGU-4A/B WGU-4A/B WGU-4A/B	1W11 1W11 PM55 PM55 PM55
AIM-9M-4	PV74	**NA**		WGU-4C/B	PM66
AIM-9M-6	PV76	**NA**		WGU-4D/B	PM67
AIM-9M-8	PV89	CATM-9M-12 (W&F) or CATM-9M-14 (slick)	PU70 PU71	WGU-4E/B WGU-4E/B	PM69 PM69
AIM-9M-10	WF57	**CATM-9M-27 (W&F)**	WF55	WGU-4E/B	PM69

(b) Training Aids

• **Aircrew Interactive Courseware.** The AIM-9M Aircrew Interactive Courseware (ICW) is a component of the Strike Fighter Weapons and Tactics (SFWT) curricula, and is hosted on the Strike Fighter Training System (SFTS). SFWT and SFTS are two of three components of NSAWC's Strike Fighter Training Program (SFTP), which is primarily targeted at providing post-FRS training to Strike Fighter aircrew. The SFTS is a high-speed, wide area network, linking schools and squadrons together with standardized, Computer-Based Training (CBT) and ICW. Strike Fighter Tactics Instructors (SFTI), the third component of the SFTP, are trained by NSAWC N7 (TOPGUN) and administer the SFWT curricula within the squadrons. AIM-9M ICW was developed for the SFTS by NSAWC, PMA205 and PMA259, and was released in FY97. For detailed information on AIM-9M ICW (training aid) refer to element IV.B.2.

• **AIM-9M-8 Familiarization Video.** An AIM-9M-8
Familiarization video was developed by Naval Air Systems Command (NAVAIRSYSCOM)
PMA259 and NAWCWD China Lake and used to support initial training. It was distributed to
Fleet squadrons in FY94/FY95.

(c) **Courses.** The following table lists the applicable operator
training courses. Additionally, Sidewinder lectures/briefs are maintained and provided by Tactics
Instructors at NSAWC (TOPGUN), SFWS, and MAWTS 1. The AIM-9M-8 source material
was incorporated in these courses with minimal impact. The addition of AIM-9M-8 material did
not change student throughput or chargeable student billets, and, therefore, these courses do not
appear in Parts II and III. See AH-1, AV-8 F-14, and F/A-18 NTSPs for course details. See Part
I Section M for information on these related NTSPs.

Table I-5. F/A-18 Operator Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
D/E-2A-0601	F/A-18 Fleet Replacement Pilot Category 1	November 94
D/E-2A-0602	F/A-18 Fleet Replacement Pilot Category 2A	November 94
D/E-2A-0603	F/A-18 Fleet Replacement Pilot Category 2H	November 94
D/E-2A-0605	F/A-18 Fleet Replacement Pilot Category 2F	November 94
D/E-2A-0604	F/A-18 Fleet Replacement Pilot Category 3	November 94
D/E-2A-0606	F/A-18 Fleet Replacement Pilot Category 4	November 94
M13P4B3	F/A-18D Fleet Replacement Pilot Basic and Transition	November 94
M13P3V3	F/A-18D Fleet Replacement Pilot Refresher	November 94
M13P3W3	F/A-18D Fleet Replacement Pilot Modified Refresher	November 94
M13P4C3	F/A-18D WSO Basic and Transition	November 94
M13P3R3	F/A-18D WSO Refresher	November 94
M13P3S3	F/A-18D WSO Modified Refresher	November 94

Table I-6. F-14 Operator Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
D-2A-1601	F-14 Fleet Replacement Pilot Category 1	November 94
D-2A-1602	F-14 Fleet Replacement Pilot Category 2	November 94
D-2A-1603	F-14 Fleet Replacement Pilot Category 3	November 94
D-2A-1604	F-14 Fleet Replacement Pilot Category 4	November 94
D-2A-1605	F-14 Fleet Replacement Pilot Category 5	November 94
D-2D-1601	F-14 Naval Flight Officer (NFO) Category 1	November 94
D-2D-1602	F-14 Naval Flight Officer (NFO) Category 2	November 94
D-2D-1603	F-14 Naval Flight Officer (NFO) Category 3	November 94
D-2D-1604	F-14 Naval Flight Officer (NFO) Category 4	November 94
D-2D-1605	F-14 Naval Flight Officer (NFO) Category 5	November 94

Table I-7. AV-8B Operator Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
M04P4H4	AV-8B Fleet Replacement Pilot Basic and Transition	November 94
M04P4Q4	AV-8B Fleet Replacement Pilot Refresher	November 94
M04P4R4	AV-8B Fleet Replacement Pilot Modified Refresher	November 94

Table I-8. AH-1 Operator Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
M23P4N1	AH-1 Fleet Replacement Pilot Basic and Transition	November 94
M23P3M1	AH-1 Fleet Replacement Pilot Refresher	November 94
M23P3X1	AH-1 Fleet Replacement Pilot Modified Refresher	November 94

(2) Initial Skills - Maintenance. The AO "A1" School at NAS Pensacola, Florida provides AIM-9M initial skills training for the AO rating. The Dummy Air Training Missile (DATM), DATM-9M, is the TD required for AIM-9M initial skills maintenance training.

(a) Training Devices. The DATM-9M is physically representative of the AIM-9M. It is a TD that facilitates instruction and familiarization for organizational and intermediate level maintenance personnel in AIM-9M assembly, disassembly, loading, transportation, and stowage procedures and techniques. All components are training items (completely inert) except for wings, fins, and tactical umbilical cable. The DATM-9M-1 and DATM-9M-2 simulate both the AIM-9L and AIM-9M tactical missiles for training purposes and are not certified for flight. For detailed information on DATM-9M, refer to element IV.A.2.

(b) Technical Training Equipment. Technical Training Equipment (TTE) required includes:

- **LAU-7 SERIES Launcher.** The LAU-7 SERIES is used on the F-14, F/A-18, AV-8 and AH-1 aircraft. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **LAU-127 SERIES Launcher.** The introduction of LAU-127 SERIES launcher was driven by the development and introduction of the Advanced Medium-Range Air-to-Air Missile (AMRAAM), AIM-120. It is AIM-9M-compatible and its nitrogen receiver assembly is much smaller than those used on the LAU-7 SERIES and is used on the F/A-18 aircraft. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **LAU-138 Series Launcher.** The LAU-138 Series Bols Chaff launcher is used on the F-14 aircraft and is an AIM-9M capable launcher. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **AN/AWM-100.** The AN/AWM-100 test set is used on the LAU-7 SERIES to perform AIM-9M release and control checks. This test set will start to be replaced in FY03 by the AN/AWM-103, known as the Common Organizational-level Armament System Tester (COAST).

- **AN/AWM-103.** The AN/AWM-103, known as the COAST, will begin production in October 2002 at the rate of 25 per month. This launcher test set will replace several existing launcher test sets including the AN/AWM-100.

- **CNU-435/E AUR Container.** The AIM-9M AUR container is required to teach and practice unpacking/packing evolutions, as well as, container maintenance.

(c) **Courses.** The modification of the AIM-9M to the AIM-9M-8 configuration did not affect the training course content or course length at the AO A1 School, and therefore there were no changes in student throughput or chargeable student billets. These courses are listed for reference only and will not appear in Parts II and III of this document.

Table I-9. Initial Skills - Maintenance Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
C-646-2011	Aviation Ordnanceman Class A1 Common Core	On line
C-646-2012	Aviation Ordnanceman Class A1 Navy Difference Training	On line

(3) **Organizational-level Maintenance.** O-level Maintenance personnel are trained at the appropriate aircraft platform school. Strife Fighter Weapons School, Atlantic (SFWSL) and Strife Fighter Weapons School, Pacific (SFWSP) provides weapons loading and launcher release and control checks training for F/A-18. SWATSLANT provides weapons loading and launcher release and control checks for F-14. Naval Air Maintenance Training Marine Unit (NAMTRA MARUNIT) Cherry Point, North Carolina, provides weapons loading and launcher release and control checks for AV-8. HMT-303 provides weapons loading and launcher release and control checks for AH-1. Weapon loading skills are further enhanced through on-board proficiency training.

(a) **Training Device.** The TD required for follow-on and proficiency training is the CATM-9M. The CATM-9M is used for the AIM-9M Conventional Weapons Technical Proficiency Inspection (CWTPI).

(b) **Technical Training Equipment.** TTE required include:

- **LAU-7 SERIES Launcher.** The LAU-7 SERIES is used on the F-14, F/A-18, AV-8 and AH-1 aircraft. It is required to teach and practice AIM-9M release and control checks and AIM-9M loading.

- **LAU-127 SERIES Launcher.** The introduction of LAU-127 SERIES launcher was driven by the development and introduction of the AMRAAM, AIM-120. It is AIM-9M-compatible and its nitrogen receiver assembly is much smaller than those used on the LAU-7 SERIES and is used on the F/A-18 aircraft. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **LAU-138 Series Launcher.** The LAU-138 Series Bols Chaff launcher is used on the F-14 aircraft and is an AIM-9M capable launcher. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **AN/AWM-100.** The AN/AWM-100 is required to teach and practice AIM-9M release and control checks.

- **AN/AWM-103.** The AN/AWM-103, known as the COAST, will begin production in October 2002 at the rate of 25 per month. This launcher test set will replace several existing launcher test sets including the AN/AWM-100.

(c) Courses. AIM-9M is taught in the following organizational-level maintenance training courses. The modification of the AIM-9M to the AIM-9M-8 configuration did not affect the maintenance, release and control checks, or conventional weapons loading at organizational-level maintenance activities. Associated training course content and course lengths were not affected, and therefore there were no changes in student throughput or chargeable student billets. These courses are listed for reference only and do not appear in Parts II and III of this document. See AH-1, AV-8 F-14, and F/A-18 NTSPs for course details. See Part I Section M for information on these related NTSPs.

Table I-10. Organizational-level Maintenance Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
C-646-3893	AV-8B Conventional Weapons Loading	On line
C-646-9888	AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance	On line
D-646-1642	F-14 Conventional Weapons Loading	On line
C-646-9962	F-14 Armament Systems Organizational Maintenance (Initial)	On line
C-646-9963	F-14 Armament Systems Organizational Maintenance (Career)	On line
D/E-646-0640	F/A-18 Conventional Weapons Loading	On line
D/E-646-0647	F/A-18 Conventional Release Systems Test	On line
C-646-9973	F/A-18 Stores Management Integrated Organizational Maintenance (Initial)	On line
C-646-9974	F/A-18 Stores Management Integrated Organizational Maintenance (Career)	On line
C-646-9361	H-1 Armament Repair Integrated Organizational Maintenance	On line

(4) Intermediate-level Maintenance. Intermediate-level maintenance training is available for USN and USMC AOs through the appropriate Maintenance Training Unit (MTU).

(a) Training Devices. The TD required for follow-on and proficiency training is the DATM-9M.

(b) Technical Training Equipment. TTE required include:

- **CNU-435/E AUR Container.** The AIM-9M AUR container is required to teach and practice unpacking/packing evolutions, as well as, container maintenance.

- **LAU-7 SERIES Launcher.** The LAU-7 SERIES is used on the F-14, F/A-18, AV-8 and AH-1 aircraft. It is required to teach and practice AIM-9M release and control checks and AIM-9M loading.

- **LAU-127 Series Launcher.** The introduction of LAU-127 SERIES launcher was driven by the development and introduction of the AMRAAM, AIM-120. It is AIM-9M-compatible and its nitrogen receiver assembly is much smaller than those used on the LAU-7 SERIES and is used on the F/A-18 aircraft. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **LAU-138 Series Launcher.** The LAU-138 Series Bols Chaff launcher is used on the F-14 aircraft and is an AIM-9M capable launcher. It is required to teach and practice AIM-9M release and control checks, AIM-9M loading, and launcher maintenance.

- **A/E37T-35 CRALTS.** A properly configured Common Racks And Launchers Test Set (CRALTS) is required to teach and practice LAU-7 SERIES intermediate maintenance.

(c) Courses. The modification of the AIM-9M to the AIM-9M-8 configuration did not affect the intermediate-level maintenance of the AIM-9M missile, therefore training course content and course lengths were not impacted. The AIM-9M Sidewinder is taught in the following intermediate-level maintenance training courses.

Table I-11. Intermediate-level Maintenance Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M-8
C-122-3111	Air Launched Guided Missiles Intermediate Maintenance	November 94
C-122-3118	Strike Armament Intermediate Maintenance Repair	November 94
C-646-3105	Aviation Ordnance Intermediate Maintenance Technician	October 96
C-646-4108	Weapons Department General Aviation Ordnance Supervisor	October 95
C-646-4109	Weapons Department General Aviation Ordnance	October 95

Detailed information for each of the courses listed in Table I-11 follows.

Title.................	**Air Launched Guided Missiles Intermediate Maintenance**
CIN..................	C-122-3111 (part of D/E-646-7007)
Model Manager	MTU 4030, NAMTRAGRU DET Naval Station (NS) Mayport
Description.......	This course provides training to the first tour Aviation Ordnancemen, Gunner's Mates and Torpedoman's Mates, including:

    ° Basic theory
    ° Safety precautions
    ° Technical publications
    ° Missile reporting procedures

Upon completion, the student will have sufficient knowledge/theory of the Sparrow, Phoenix, Sidewinder, Sidearm, AMRAAM, Maverick, Harpoon, SLAM, HARM, Tow, Hellfire, Penguin AUR Air Launched Guided Missiles, Walleye Weapon System, Tactical Air Launched Decoy (TALD) and Air Nitrogen Purifier Units to perform, under close supervision, intermediate maintenance in the CV/CVN, LPH/LHA/LHD, NAS/MCAS working environment.

Locations	° MTU 4030, NAMTRAGRU DET, NS Mayport ° MTU 4032, NAMTRAU, NAS Norfolk ° MTU 4033, NAMTRAU, NAS North Island ° MTU 4035, NAMTRAU, NAS Whidbey Island
Length..............	11 days
RFT date..........	Currently available
Skill identifier...	AO 6801
TD/TTE...............	DATM-9M, CNU-435/E
Prerequisite	AO, GMG, TM, or Graduate of AO (ClassA1) School or equivalent or designated striker

Title.................	**Strike Armament Systems Intermediate Maintenance**
CIN..................	C-646-3118 (part of D/E-646-7001)
Model Manager	MTU 4033, NAMTRAU NAS North Island

Description.......   This course provides training to Aviation Ordnance Technicians, including:

- ° Operational checkout procedures
- ° Corrosion control
- ° Troubleshooting procedures
- ° Periodic maintenance procedures
- ° Component removal, repair, replacement procedures
- ° Use of special tools and test equipment
- ° Use of publications
- ° Use of safety and administrative procedures applicable to aircraft armament equipment items

Upon completion of this course, the student will be able to perform work on aircraft armament equipment in the Aircraft Intermediate Maintenance Department environment under limited supervision.

Locations ....   ° MTU 4032, NAMTRAU, NAS Norfolk
                     ° MTU 4033, NAMTRAU, NAS North Island

Length..............   65 days

RFT date..........   Currently available

Skill identifier...   AO 6802

TD/TTE...........   LAU-7 SERIES, LAU-127 SERIES, LAU-138 Series, A/E37T-35

Prerequisite ......   Graduate of AO "A" School or designated AO striker

Title.................   **Weapons Department General Aviation Ordnance**

CIN..................   C-646-4109 (stand-alone course)

Model Manager   MTU 4033, NAMTRAU NAS North Island

Description.......   This course provides training to the first tour Aviation Ordnancemen, Gunner's Mates and Torpedoman's Mates, including:

  ° Basic theory
  ° Safety precautions
  ° Technical publications
  ° Missile reporting procedures
  ° Introduction to Weapons Department, Ammunition Magazines, Shoring, Stowage and Handling Equipment
  ° Introduction to Air Launched Weapons

Upon completion, the Aviation Ordnanceman assigned to Shipboard, Shoreboard, and Shore Combatant Weapons Departments as conventional weapons handlers, will have the sufficient knowledge and skills of procedures and safety requirements for receiving, transferring and storing conventional weapons, assembly and disassembly of bombs and rockets, loading and unloading flare, rocket launchers, and the linkless ammunition loading system, and the canning and decanning of miscellaneous ordnance, in accordance with, applicable publications under minimum supervision in a shipboard or shore environment.

Locations ....   ° MTU 4030, NAMTRAGRU DET, NS Mayport
  ° MTU 4032, NAMTRAU, NAS Norfolk
  ° MTU 4033, NAMTRAU, NAS North Island
  ° MTU 4035, NAMTRAU, NAS Whidbey Island

Length..............   10 days

RFT date ....   Currently available

Skill identifier ...   NA

TD/TTE DATM-9M, CNU-435/E

Prerequisite ......   AO, GMG, TM, or Graduate of AO (ClassA1) School or equivalent or designated striker

Title.................   Aviation Ordnance Intermediate Maintenance Technician

CIN..................   C-646-3105 (part of M-646-7026)

Model Manager   MTU 4034, MCAS Cherry Point, North Carolina

Description.......   This course provides training to USMC ordnance personnel, including:

- Basic theory
- Safety precautions
- Technical publications
- Missile/launcher reporting procedures

Upon completion, the student will have sufficient knowledge/theory to be able to work on ordnance/armament in the MALS environment.

Locations ....   MTU-4034, MCAS Cherry Point, North Carolina

Length..............   75 days

RFT date..........   Currently available

Skill identifier...   MOS 6541

TD/TTE...............   DATM-9M, CNU-435/E, LAU-7 SERIES, LAU-127 SERIES, A/E37T-35

Prerequisite ......   C-646-2011A Aviation Ordnanceman Common Core Class A1

(5) Explosive Ordnance Disposal Training. Explosive Ordnance Disposal EOD training is conducted at the Naval EOD School (NAVSCOLEOD) at Eglin Air Force Base, Florida. Additional advanced and specialized EOD training is provided by EOD Technical Evaluation Units (EODTEUs) at Fort Story, Virginia and San Diego, California.

(a) Training Devices. TDs required for EOD training are the Practical Explosive Ordnance Disposal System Trainer (PEST) and the Classroom Explosive System Trainer (CEST).

- **Practical Explosive Ordnance Disposal System Trainer.** A PEST is a full-scale model of the missile, containing inert versions of all explosive train components. The PEST possesses the same weight and center of gravity characteristics as the tactical missile. The PEST is used to teach and practice the missile's Render Safe Procedure (RSP). It is used in the identification line, the outdoor practice area, and the outdoor test area. There is no AIM-9M PEST, but its requirement has been satisfied by various inert components, e.g., rocket motor and warhead. For further details see element IV.A.2.

- **Classroom Explosive Ordnance Disposal System Trainer.** A CEST is an inert, cut-away model of the missile, displaying locations and types of explosive and hazardous materials, initiators, igniters, and fuze. It is used during classroom instruction to facilitate familiarization of the missile and its associated RSP. For further CEST-9M details see element IV.A.2.

(b) **Courses.** AIM-9M is taught in the following EOD training courses. The AIM-9M-8 RSP is the same as earlier AIM-9M variant RSPs. The AIM-9M-8 training material did not change student throughput or chargeable student billets, and, therefore, these courses do not appear in Parts II and III.

Table I-12. EOD Courses

COURSE NUMBER	COURSE TITLE	RFT DATE FOR AIM-9M
A-431-0011	Explosive Ordnance Disposal (EOD) Phase II (Navy)	November 94
A-431-0012	Explosive Ordnance Disposal (EOD) Phase II	November 94
G-431-0001	EOD Pre-deployment Team Training	November 94

c. **Student Profiles.** The following table lists the enlisted manpower and personnel classifications required to support AIM-9M. In many instances, AO personnel who will support AIM-9M will not possess the component NEC because they attained their primary NEC prior to the recent A School and C School changes. See Figure I-1 through I-9 for more information.

Table I-13. AIM-9M Student Profiles

RATING and NEC or MOS	TITLE	COMPONENT NEC or MOS
AO 8841	F/A-18E/F System Organizational Apprentice Maintenance Technician	AO 0000
AO 8341	F/A-18E/F System Organizational Maintenance Technician	AO 8841
AO 8842	F/A-18 Armament System Organizational Apprentice Maintenance Technician	AO 0000
AO 8342	F/A-18 System Organizational Maintenance Technician	AO 8842
AT 8842	F/A-18 System Organizational Apprentice Maintenance Technician	AT 0000
AT 8342	F/A-18 System Organizational Maintenance Technician	AT 8842
AO 8845	F-14 Initial Organizational Maintenance Technician	AO 0000
AO 8345	F-14 System Organizational Maintenance Technician	AO 8845
MOS 6531	Aircraft Ordnance Technician (AH-1)	6511
MOS 6531	Aircraft Ordnance Technician (AV-8)	6511
MOS 6531	Aircraft Ordnance Technician (F/A-18)	6511
MOS 6541	Aviation Ordnance Intermediate Maintenance Technician	6511
AO 6801	Air Launched Weapons Technician	AO 0000
AO 6802	Strike Intermediate Armament Maintenanceman	AO 0000

d. **Training Pipelines.** New training tracks were not required for AIM-9M-8. The following training pipelines and tracks correspond to student profiles listed above. These pipelines and tracks are based on the training system that is in place today, and may not reflect

actual progressions for personnel who completed formal training prior to the recent A School and C School changes. Shaded courses contain AIM-9M content. Introduction of the AIM-9M-8 did not affect any organizational- or intermediate-level maintenance functions. Training tracks and associated courses are available in the Operational Evaluation Aviation Training Management System (OATMS). The following training tracks apply and are available in the OATMS.

AO 0000	→	**AO 8845**	→	**AO 8345**
Aviation Ordnanceman Class A1		F-14 Initial Organizational Maintenance Technician		F-14 Systems Organizational Maintenance Technician
USN Strand		TRACK D-646-1647		TRACK D-646-1641
C-646-2011A C-646-2012A		C-600-3601 D-646-9962 D-646-1642		C-600-3601 D-646-9963 D-646-9906
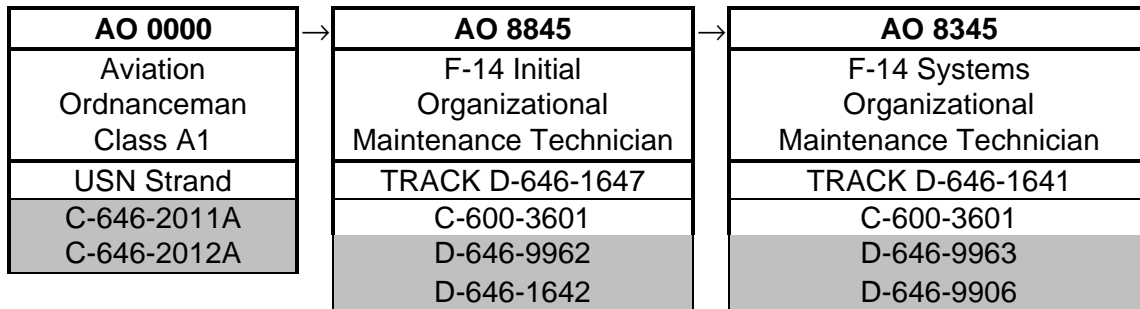
Figure I-1 F-14 Systems Organizational Maintenance Technician Career Progression

AO 0000	→	**AO 8841**	→	**AO 8341**
Aviation Ordnanceman Class A1		F/A-18E/F Systems Organizational Apprentice Maintenance Technician		F/A-18E/F Systems Organizational Maintenance Technician
USN Strand		TRACK E-646-0642		TRACK E-646-0644
C-646-2011A C-646-2012A		C-600-3601 C-646-9976		C-600-3601 C-646-9975
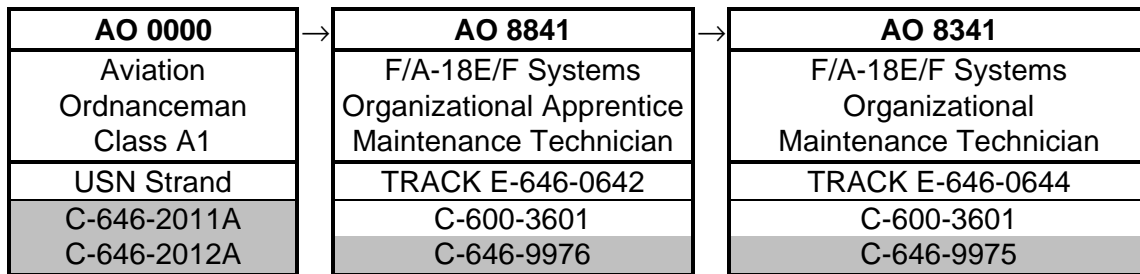
Figure I-2 USN F/A-18E/F Systems Organizational Maintenance Technician Career Progression

AO 0000	→	**AO 8842**	→	**AO 8342**
Aviation Ordnanceman Class A1		F/A-18 Systems Organizational Apprentice Maintenance Technician		F/A-18 Systems Organizational Maintenance Technician
USN Strand		TRACK D/E-646-0654		TRACK D/E-646-0641
C-646-2011A C-646-2012A		C-600-3601 C-646-9973 D/E-646-0640		C-600-3601 C-646-9974
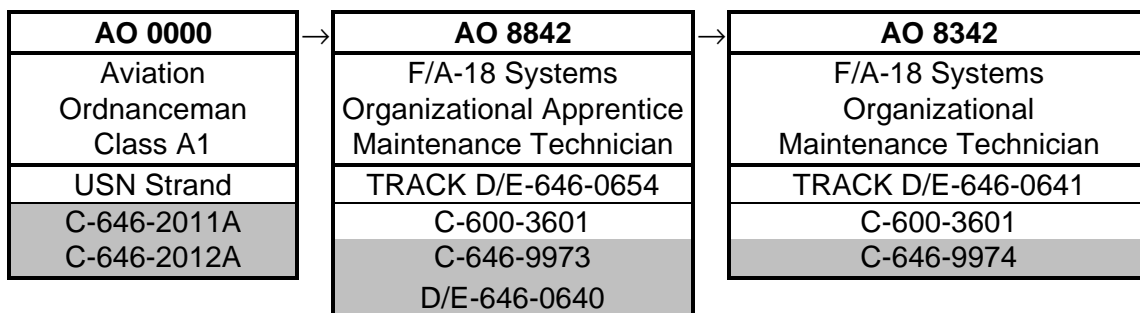
Figure I-3 USN F/A-18 Systems Organizational Maintenance Technician Career Progression

MOS 6511		**MOS 6531**
Aviation Ordnanceman Class A1	→	Aircraft Ordnance Technician (F/A-18)
Core Only		TRACK M-646-0654
C-646-2011A		C-600-3601
		C-646-9973 D/E-646-0640 D/E-646-0647
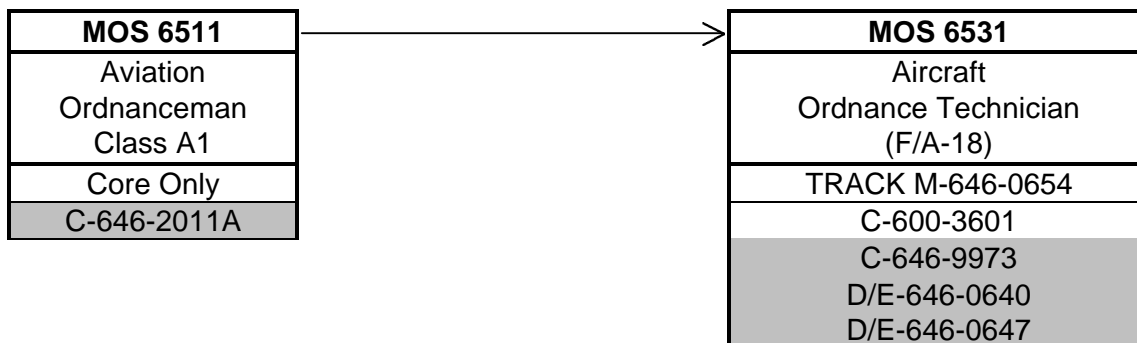
Figure I-4 USMC F/A-18 Aircraft Ordnance Technician Career Progression

MOS 6511		**MOS 6531**
Aviation Ordnanceman Class A1	→	Aircraft Ordnance Technician (AH-1)
Core Only		TRACK M-646-2044
C-646-2011A		C-600-3601
		C-646-9361
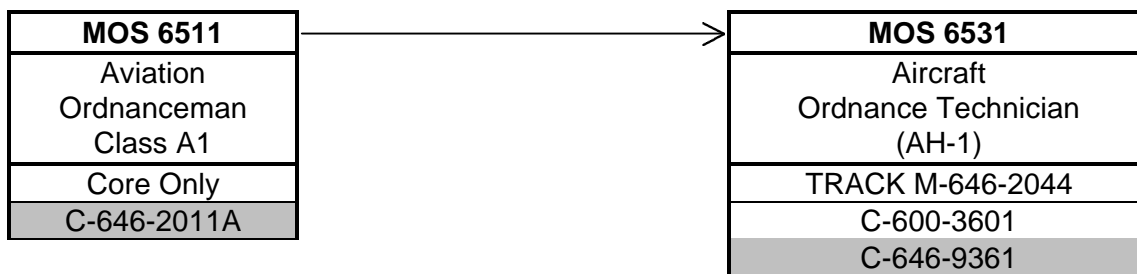
Figure I-5 AH-1 Aircraft Ordnance Technician Career Progression

MOS 6511		**MOS 6531**
Aviation Ordnanceman Class A1	→	Aircraft Ordnance Technician (AV-8)
Core Only		TRACK M-646-0143
C-646-2011A		C-600-3601
		C-646-9888 C-646-3893
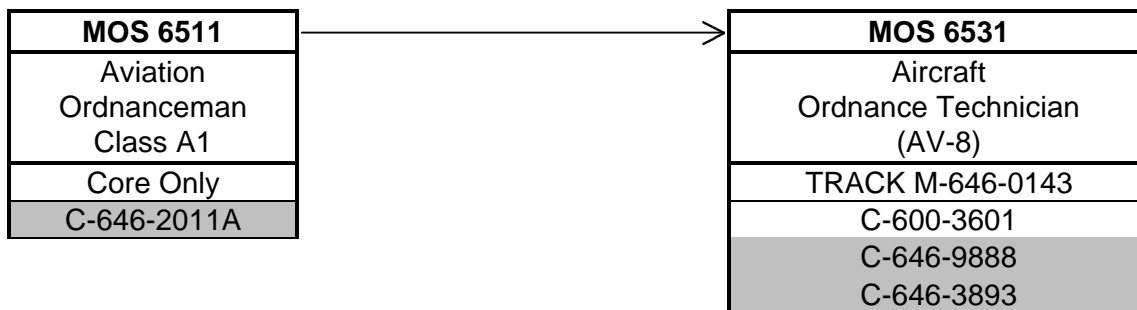
Figure I-6 AV-8 Aircraft Ordnance Technician Career Progression

MOS 6511
Aviation Ordnanceman Class A1
Core Only
C-646-2011A

MOS 6541
Aviation Ordnance Intermediate Maintenance Technician
TRACK M-646-7026
C-600-3601
C-646-3105
C-646-3890
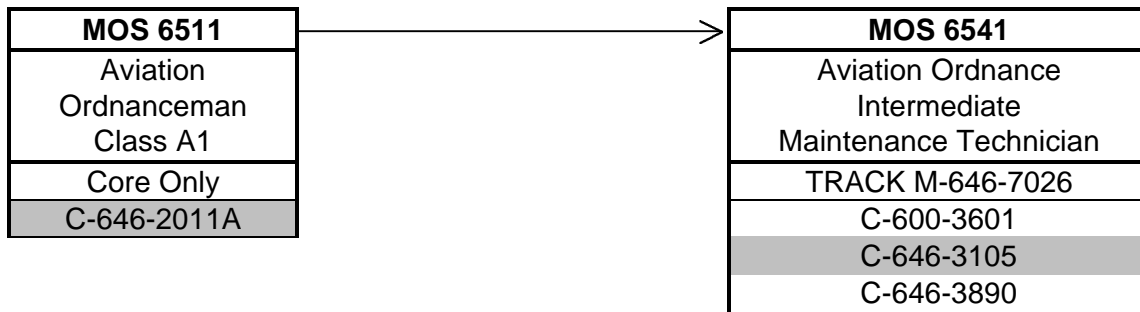
Figure I-7 Aviation Ordnance Intermediate Maintenance Technician Career Progression

AO 0000
Aviation Ordnanceman Class A1
USN Strand
C-646-2011A C-646-2012A

AO 6801
Air Launched Weapons Technician (Intermediate)
TRACK D/E-646-7007
C-600-3601
C-122-3111
C-122-3113 C-646-4106
C-646-4108
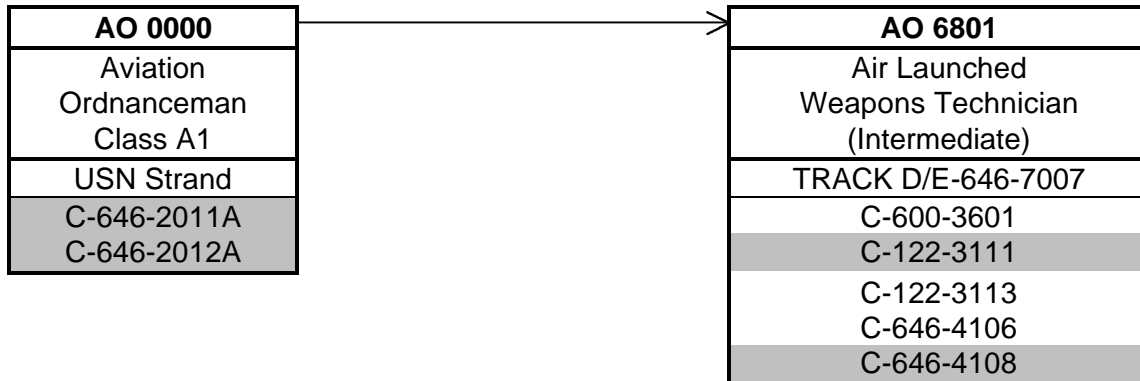
Figure I-8 Air Launched Weapons Technician Career Progression

AO 0000
Aviation Ordnanceman Class A1
USN Strand
C-646-2011A C-646-2012A

AO 6802
Strike Intermediate Armament Maintenanceman
TRACK D/E-646-7001
C-600-3601
C-646-3118
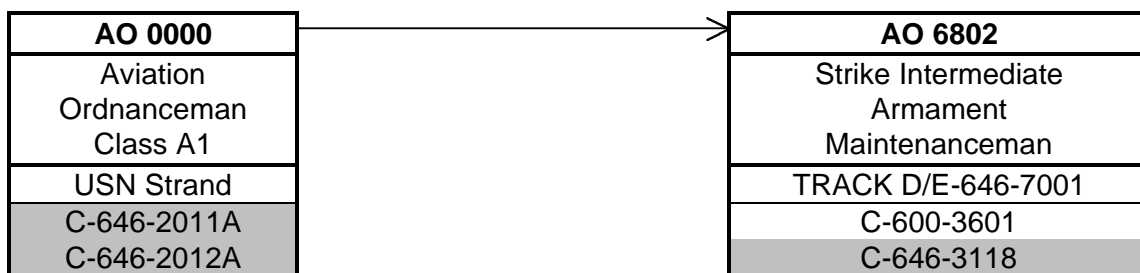
Figure I-9 Strike Intermediate Armament Maintenanceman Career Progression

I. ON-BOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace

Maintenance Training Improvement Program (MTIP). AMTCS is scheduled to begin full implementation for fleet deployment in Fiscal Year (FY) 02.

b. Aviation Maintenance Training Continuum System. AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS concepts will provide an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. Where appropriate, capitalizing on technological advances and integrating systems and processes can provide the right amount of training at the right time, thus meeting the CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: CBT for the technicians in the Fleet in the form of ICW with Computer Managed Instruction (CMI) and Computer Aided Instruction (CAI) for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module (ASM) which provides testing [Test and Evaluation (TEV)], recording [Electronic Training Jacket (ETJ)], and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List (MTL) data bank. These tools are procured and fielded with appropriate Commercial off-the-shelf (COTS) hardware and software, i.e., Fleet Training Devices (FTD) - Laptops, PCs, Electronic Classrooms (ECR), Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N789H), AMTCS is to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

The Ammunition and Explosive Handling Qualification and Certification (QUAL/CERT) Program requires periodic, local QUAL/CERT events to be documented in a QUAL/CERT Record. These QUAL/CERT Records will be maintained physically at the local activity, but will be entered electronically into the ETJ for tracking purposes.

c. Strike Fighter Training Program. NSAWC, which includes TOPGUN (N7), SFWSL, SFWSP, and the SWATSLANT is developing post-FRS training at the squadron level for Navy Strike Fighter aircraft (F-14 and F/A-18). This post-FRS training continuum is known as the SFTP, and is composed of three equally critical elements: The SFWT curricula, the SFTI, and the SFTS. The SFWT curricula will be taught by each squadron's SFTI, who will be supported by the SFTS, a multimedia computer-based training system that will host CMI, CAI,

CBT and ICW. Aircrew weapons proficiency training will continue to be accomplished using existing methods: Academic, Simulator (WTT/Weapon Systems Trainer (WST)), CATM and/or embedded aircraft simulation, and NCEA; but capability ratings will be performance-based rather than completion-based, i.e., it will not be based simply upon completing the training events, but upon how well they are completed. Training events will be measured using defined metrics, and collectively these events will be evaluated to determine actual combat readiness, quantitatively (objectively) rather than qualitatively (subjectively). See the SFTP NTSP, N88-NTSP-A-50-9906, for more information.

2. Personnel Qualification Standards. NA

3. Other On-Board or In-service Training Packages

    a. Marine Aviation Training Management Evaluation Program. Marine Corps on-board training is based on the current series of Marine Corps Order (MCO) P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 (series), maintenance training requirements. It is a performance-based, standardized, level-progressive training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be addressed with remedial training. (AMTCS is planned to replace MATMEP.)

    b. Conventional Weapon Technical Proficiency Inspection. The CWTPI is a graded inspection administered by Fighter Wing (FTRWING) and Strike Fighter Wing (STRKFTRWING). It is governed by the policy and procedures established by each Type Commander (TYCOM). The inspection team is made up of SFWS instructors under the direction of the Wing Ordnance Officer. The CWTPI covers all areas of conventional weapon load and release, and control systems checks. The inspection evaluates the squadron's ability to wire-check, upload and download conventional ordnance correctly, use applicable publications, and place ordnance on its designated target. The squadron inspection is conducted annually, six months prior to deployment, or at the request of the squadron's Commanding Officer. All personnel, including squadron pilots, directly involved in the inspection, require a written examination. A 72-hour time limit is granted for the completion of the entire evolution. The final grade is an average score derived from the written exams, ordnance loads, wire checks, and the pilot's proficiency to deliver weapons on target. Pre-inspection training is provided by the appropriate SFWS or SWATSLANT, followed by the CWTPI. The CWTPI determines the need for further conventional weapons load training of squadron AO and Aviation Electronics Technician (AT) personnel at the appropriate SFWS.

    c. Marine Corps Combat Readiness Evaluation. Marine Corps Headquarters schedules the USMC fighter and attack wings for a yearly Combat Readiness Evaluation. This is

part of the Marine Corps Combat Readiness Evaluation System. An entire Marine Corps activity is moved to another location to participate in war exercises and to be evaluated. Training is an on-going Marine Corps evolution that culminates with the Combat Readiness Evaluation. The evaluation determines the need for further conventional weapons load training of squadron personnel.

          d. Explosive Handling Qualification and Certification Program. The Ammunition and Explosive Handling QUAL/CERT Program is implemented by OPNAVINST 8020.14 and MCO P8020.11. To minimize the probability of mishap, the potential for personnel errors are controlled through training (qualification) coupled with a management process designed to prevent inadequately trained personnel from performing ammunition and explosives jobs/tasks (certification). Aviation Ordnancemen are required to perform periodic, local QUAL/CERT events in order to be authorized to handle ordnance. Results of these QUAL/CERT events are documented in a hardcopy QUAL/CERT Record and kept on file by the local activity.

J. LOGISTICS SUPPORT

       1. Manufacturer and Contract Numbers. All domestic Sidewinder AIM-9M missile contracts have been completed.

       2. Program Documentation. The Sidewinder Integrated Logistics Support Plan (ILSP) (ILSP-MS-059), dated 15 December 1993 was updated to include AIM-9M-8 information. Additionally, with the completion of domestic AIM-9M production contracts, the Sidewinder program has developed a JPPSP. The document is currently in draft form and is identified by the document number JPPSP-SW-001.

       3. Technical Data Plan. Existing AIM-9 publications have been updated to include AIM-9M requirements. Because of the similarity between the AIM-9M and the AIM-9M-8, data pertaining to the AIM-9M-8 was incorporated into the existing manuals. Source data was acquired from NAWCWD China Lake. A complete list of all AIM-9 publications can be found in the Technical Manual List NA 01-AIM9-0.

       4. Test Sets, Tools, and Test Equipment. The introduction of the AIM-9M-8 to Navy and Marine Corps operational units and activities did not require any new test sets, tools, or test equipment. The existing AN/DSM-152A Test Set received software modifications enabling it to recognize the AIM-9M-8 configuration. The modified test set is designated the AN/DSM-152B.

       5. Repair Parts. The Naval Inventory Control Point (NAVICP), Mechanicsburg, PA and Defense Logistics Agency (DLA) provide supply support for the AIM-9M. This network is used to procure all AIM-9M-8 missile components, as well as components of earlier AIM-9M variants.

6. Human Systems Integration. The AIM-9M-8 and earlier configurations were fielded prior to establishment of Human Systems Integration (HSI) plans. Human factors did play a part in the development of additional missile status tones; suspending Operational Evaluation (OPEVAL) for a period to improve uniqueness of additional tones.

K. SCHEDULES

1. Installation and Delivery Schedules. AIM-9M-8 has completed production and its inventory objective has been achieved. The AIM-9M-10 retrofits will begin in FY01 and continue through FY05.

2. Ready For Operational Use Schedule. All AIM-9M are fielded to operational units ready for operational use. Normal break out, assembly, and aircraft loading are required.

3. Time Required to Install at Operational Sites. NA

4. Foreign Military Sales and Other Source Delivery Schedule. AIM-9M-8 is still in production for various FMS countries. For further information contact PMA259.

5. Training Device and Delivery Schedule. The AIM-9M program has completed production and delivery of training devices that support up to the AIM-9M-8 configuration. As the mix of configurations in the tactical inventory has changed between AIM-9M-1/3, AIM-9M-4, and AIM-9M-6 to AIM-9M-8, a need for a corresponding change has been to the applied to the CATM inventory. Currently the CATM-9M inventory is comprised of approximately 65% AIM-9M-8 CATMs (CATM-9M-12) and 35% AIM-9M-1/3 CATMs (CATM-9M-4). 250 of these assets will be retrofit to AIM-9M-10 CATMs (CATM-9M-27). The Navy will maintain a total inventory mix of approximately 1100 CATM-9Ms. For more information, see section IV.A.2.

L. GOVERNMENT-FURNISHED EQUIPMENT AND CONTRACTOR-FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT TITLE	DOCUMENT NUMBER	PDA CODE	STATUS
Navy and Air Force ILSP for Sidewinder AIM-9M Missile System	ILSP MS-059	AIR-3.1.3E	Approved Dec 93
Operational Logistics Support Plan for Sidewinder AIM-9 Missile Systems	OLSP MS-061 Revision C	AIR-3.1.3E	Approved Dec 89
Joint-Service Post Production Support Plan for Sidewinder AIM-9M Missile System	JPPSP-SW-001	AIR-3.1.3E	Draft Dec 00
AH-1W Aircraft NTSP	N88-NTSP-A-50-8520D/A	PMA276	Approved Feb 96
F/A-18 Aircraft NTSP	N88-NTSPA-50-7703H/D	PMA265	Draft Nov 00
T/AV-8B Harrier II Weapon System NTSP	N88-NTSP-A-50-8210D/D	PMA257	Draft Aug 99
F-14A, F-14B, F-14D Aircraft NTSP	N88-NTSP-A-50-8511B/A	PMA241	Approved Mar 00
Strike Fighter Training Program NTSP	N88-NTSP-A-50-9906/D	PMA205	Draft Sep 99

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the AIM-9M and, therefore, are not included in Part II of this NTSP:

II.B.   Personnel Requirements

  II.B.3.   Foreign, Other Service, and Non-Military Personnel Annual Training Input Requirement

NOTE 1:   This section of the AIM-9M NTSP reflects intermediate-level maintenance billet and personnel requirements for the AIM-9M. It is a compilation of two Navy NECs, AO 6801 and AO 6802, and one Marine Corps MOS, 6541. AIM-9M operator billets are programmed through the applicable aircraft NTSP, e.g., F/A-18C/D NTSP, as are the AIM-9M organizational-level billets. The addition of the AIM-9M to the intermediate-level workload is only a small percentage of the required workload for those NECs and MOS. The NECs and MOS are not dedicated to the AIM-9M and, therefore, the overall training throughput for the NEC and MOS will remain the same, i.e., it accounts for the total NEC/MOS community, and not just activities receiving AIM-9M.

NOTE 2:   All billets identified in this section are programmed through other NTSPs, e.g., F/A-18 NTSP, applicable CV/CVN Class Total Ship NTSP, or applicable Shore Activity Manning Documents. The activities and associated billets are listed to assist the weapons training community in identifying and managing training requirements throughout the development, production, and deployment of the AIM-9M.

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN: Extract from Standard Navy Distribution List, SNDL   DATE: 2/5/02
        USMC: Extract from Standard Navy Distribution List, SNDL   DATE: 2/5/02

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
OPERATIONAL ACTIVITIES - NAVY							
NSAWC N7	69190	1	0	0	0	0	0
SFWSL	47084	1	0	0	0	0	0
SFWSP	35185	1	0	0	0	0	0
SWATSLANT	45157	1	0	0	0	0	0
VF-101 (FRS)	09067	1	0	0	0	0	0
VF-102	09717	1	0	0	0	0	0
VF-103	09718	1	0	0	0	0	0
VF-11	09560	1	0	0	0	0	0
VF-143	09281	1	0	0	0	0	0
VF-154	09678	1	0	0	0	0	0
VF-2	09113	1	0	0	0	0	0
VF-211	09086	1	0	0	0	0	0
VF-213	09934	1	0	0	0	0	0
VF-31	09473	1	0	0	0	0	0
VF-32	09053	1	0	0	0	0	0
VFA-105	65183	1	0	0	0	0	0
VFA-106 (FRS)	09679	1	0	0	0	0	0
VFA-113	09092	1	0	0	0	0	0
VFA-115	09604	1	0	0	0	0	0
VFA-125 (FRS)	09485	1	0	0	0	0	0
VFA-131	63934	1	0	0	0	0	0
VFA-136	55141	1	0	0	0	0	0
VFA-137	55142	1	0	0	0	0	0
VFA-14	09084	1	0	0	0	0	0
VFA-146	09063	1	0	0	0	0	0
VFA-147	63925	1	0	0	0	0	0
VFA-15	09015	1	0	0	0	0	0
VFA-151	09558	1	0	0	0	0	0
VFA-192	55179	1	0	0	0	0	0
VFA-195	09706	1	0	0	0	0	0
VFA-201 (R)	09309	1	0	0	0	0	0
VFA-203 (R)	09030	1	0	0	0	0	0
VFA-204 (R)	09032	1	0	0	0	0	0
VFA-22	09561	1	0	0	0	0	0
VFA-25	09637	1	0	0	0	0	0

| VFA-27 | 65185 | 1 | 0 | 0 | 0 | 0 | 0 |

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

| **SOURCE:** USN: | Extract from Standard Navy Distribution List, SNDL | **DATE:** | 2/5/02 |
| | USMC: Extract from Standard Navy Distribution List, SNDL | **DATE:** | 2/5/02 |

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
VFA-34	09070	1	0	0	0	0	0
VFA-37	09478	1	0	0	0	0	0
VFA-41	09774	1	0	0	0	0	0
VFA-81	09221	1	0	0	0	0	0
VFA-82	09122	1	0	0	0	0	0
VFA-83	09223	1	0	0	0	0	0
VFA-86	09943	1	0	0	0	0	0
VFA-87	63922	1	0	0	0	0	0
VFA-94	09295	1	0	0	0	0	0
VFA-97	63923	1	0	0	0	0	0
VFC-12	52994	1	0	0	0	0	0
VFC-13	52995	1	0	0	0	0	0
VX-9	55646	1	0	0	0	0	0
TOTAL:		49	0	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
HMLA-167	09898	1	0	0	0	0	0
HMLA-169	09202	1	0	0	0	0	0
HMLA-267	09159	1	0	0	0	0	0
HMLA-269	08998	1	0	0	0	0	0
HMLA-367	09079	1	0	0	0	0	0
HMLA-369	09361	1	0	0	0	0	0
HMLA-773	09431	1	0	0	0	0	0
HMLA-775 (R)	55252	1	0	0	0	0	0
HMLA-775 DET A	09415	1	0	0	0	0	0
HMT-303 (FRS)	55176	1	0	0	0	0	0
MALS Aug Beaufort	67863	1	0	0	0	0	0
MALS Aug Miramar	09111	1	0	0	0	0	0
MAWTS-1	55167	1	0	0	0	0	0
VMA-211	09412	1	0	0	0	0	0
VMA-214	09436	1	0	0	0	0	0
VMA-223	09438	1	0	0	0	0	0
VMA-231	52948	1	0	0	0	0	0
VMA-311	09416	1	0	0	0	0	0
VMA-513	09231	1	0	0	0	0	0
VMA-542	52847	1	0	0	0	0	0
VMAT-203 (FRS)	45483	1	0	0	0	0	0
VMFA (AW)-121	09257	1	0	0	0	0	0
VMFA (AW)-224	01224	1	0	0	0	0	0
VMFA (AW)-225	09232	1	0	0	0	0	0
VMFA (AW)-332	09501	1	0	0	0	0	0
VMFA (AW)-533	09193	1	0	0	0	0	0
VMFA(AW)-242	09668	1	0	0	0	0	0
VMFA-112 (R)	08954	1	0	0	0	0	0

		PFYs	CFY02	FY03	FY04	FY05	FY06
VMFA-115	09234	1	0	0	0	0	0
VMFA-122	09407	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: USN:	Extract from Standard Navy Distribution List, SNDL		**DATE:**	2/5/02
USMC:	Extract from Standard Navy Distribution List, SNDL		**DATE:**	2/5/02

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
VMFA-134 (R)	09365	1	0	0	0	0	0
VMFA-142 (R)	67243	1	0	0	0	0	0
VMFA-212	09434	1	0	0	0	0	0
VMFA-232	09242	1	0	0	0	0	0
VMFA-251	09241	1	0	0	0	0	0
VMFA-312	09253	1	0	0	0	0	0
VMFA-314	09230	1	0	0	0	0	0
VMFA-321 (R)	67235	1	0	0	0	0	0
VMFA-323	09235	1	0	0	0	0	0
VMFAT-101 (FRS)	09965	1	0	0	0	0	0
TOTAL:		40	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - NAVY							
AIMD Atsugi	44323	1	0	0	0	0	0
AIMD Fallon	44317	1	0	0	0	0	0
AIMD Key West	44320	1	0	0	0	0	0
AIMD Lemoore	44321	1	0	0	0	0	0
AIMD North Island	44326	1	0	0	0	0	0
AIMD Oceana	44327	1	0	0	0	0	0
AIMD Roosevelt Roads	44373	1	0	0	0	0	0
AIMD Whidbey Island	44329	1	0	0	0	0	0
AIRMAINTTRSGRPDET Whidbey Island	66058	1	0	0	0	0	0
COMNAVAIRLANT	57012	1	0	0	0	0	0
COMSTKFITWINGLANT Det Beaufort	3006A	1	0	0	0	0	0
CV-63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV-64 USS Constellation	03364	1	0	0	0	0	0
CV-67 USS Kennedy	03367	1	0	0	0	0	0
CVN-65 USS Enterprise	03365	1	0	0	0	0	0
CVN-68 USS Nimitz	03368	1	0	0	0	0	0
CVN-69 USS Eisenhower	03369	1	0	0	0	0	0
CVN-70 USS Vinson	20993	1	0	0	0	0	0
CVN-71 USS Roosevelt	21247	1	0	0	0	0	0
CVN-72 USS Lincoln	21297	1	0	0	0	0	0
CVN-73 USS Washington	21412	1	0	0	0	0	0
CVN-74 USS Stennis	21847	1	0	0	0	0	0
CVN-75 USS Truman	21853	1	0	0	0	0	0
CVN-76 USS Reagan	TBD	0	0	0	1	0	0
NAS Fallon	60495	1	0	0	0	0	0
NAS Lemoore	63042	1	0	0	0	0	0
NAS North Island	00246	1	0	0	0	0	0
NAS Oceana	60191	1	0	0	0	0	0
NAS Point Mugu	0429A	1	0	0	0	0	0
NAS Whidbey Island	00620	1	0	0	0	0	0

		PFYs	CFY02	FY03	FY04	FY05	FY06
NAS Whidbey Island, VAN OPDET	31179	1	0	0	0	0	0
NAVSTKAIRTESTRON	39783	1	0	0	0	0	0
NAVWPNTESTRON CL	39787	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE:	USN:	Extract from Standard Navy Distribution List, SNDL			DATE:	2/5/02
	USMC:	Extract from Standard Navy Distribution List, SNDL			DATE:	2/5/02

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
NAVWPNTESTRON PM	39788	1	0	0	0	0	0
NAWCAD Patuxent River	00421	1	0	0	0	0	0
NAWCWD China Lake	60530	1	0	0	0	0	0
NAWCWD Point Mugu	63126	1	0	0	0	0	0
NAWMU-1	52821	1	0	0	0	0	0
NAWS China Lake	68937	1	0	0	0	0	0
NAWS Point Mugu	0429A	1	0	0	0	0	0
Ordnance DET Oceana	31279	1	0	0	0	0	0
RAIMD Atlanta	44486	1	0	0	0	0	0
RAIMD Fort Worth	44487	1	0	0	0	0	0
RAIMD New Orleans	44490	1	0	0	0	0	0
SURFLANTAVORD/MTT Norfolk	48764	1	0	0	0	0	0
TOTAL:		44	0	0	1	0	0
FLEET SUPPORT ACTIVITIES - USMC							
2nd MAW Cherry Point	00201	1	0	0	0	0	0
3rd MAW Miramar	00300	1	0	0	0	0	0
4th MAW New Orleans	00400	1	0	0	0	0	0
MAD China Lake	67852	1	0	0	0	0	0
MAD Patuxent River	67356	1	0	0	0	0	0
MALS-11 Miramar	09111	1	0	0	0	0	0
MALS-12 Iwakuni	09377	1	0	0	0	0	0
MALS-13 Yuma	09041	1	0	0	0	0	0
MALS-14 Cherry Point	09378	1	0	0	0	0	0
MALS-26 New River	09167	1	0	0	0	0	0
MALS-29 New River	52841	1	0	0	0	0	0
MALS-31 Beaufort	09384	1	0	0	0	0	0
MALS-39 Camp Pendleton	09808	1	0	0	0	0	0
MALS-41 Fort Worth	67239	1	0	0	0	0	0
MALS-42 Marietta	67236	1	0	0	0	0	0
MALS-46 Miramar	67244	1	0	0	0	0	0
MASD Andrews	04801	1	0	0	0	0	0
TOTAL:		17	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - NAVY					
VP-16, 09229					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-26, 09610					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-4, 09623					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-45, 09665					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-62, 09162					
TAR	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-66, 09174					
SELRES	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-8, 09661					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-94, 09148					
SELRES	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-1, 09618					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
VP-40, 09674					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-47, 09600					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-65, 09173					
TAR	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
VP-9, 09644					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
OPERATIONAL ACTIVITIES - USMC					
HMH 772 CH-53E, 09490					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	2			
HMH CH-53E (East Coast), 00000					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMLA 773, 09431					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	2	CPL	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMLA 773 DET, 00000					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMLA 775 DET A, 09415					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMLA AH-1/9 UH-1(East Coast), 00000					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	18			
HMM 774 CH-46, 09430					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM CH-46E (East Coast), 00000					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
VMA AV-8B (East Coast), 00000					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMAQ EA-6B (East Coast), 00000					
USMC	0	1	CPL	6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMFA 321, 67235					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
VMFA F/A18 (East Coast), 00000					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			
VMFA(AW) F/A 18 (East Coast), 00000					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			
VMFA-142, 67243					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
VMM MV-22A, 00000					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMH 769 CH-53E, 09487					
USMC	0	1	CPL	6541	
AR	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	2			
HMH CH-53D (West Coast), 00000					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMH CH-53E (West Coast), 00000					
USMC	0	5	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMLA 775, 55257					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	2	CPL	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	12			
HMLA AH-1/9 UH-1(West Coast), 00000					
USMC	0	6	CPL	6541	
	0	9	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	18			
HMM 764 CH-46, 09402					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM CH-46E (West Coast), 00000					
USMC	0	2	CPL	6541	

ACTIVITY TOTAL: 0   2

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
MALS 41 (FW), 03007					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
	0	2	SSGT	6541	
SMCR	0	7	CPL	6541	
	0	2	GYSGT	6541	
	0	20	LCPL	6541	
	0	6	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	48			
VMA AV-8B (West Coast), 00000					
USMC	0	3	CPL	6541	
	0	7	LCPL	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	12			
VMFA 112, 08954					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
VMFA 134, 09365					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	

ACTIVITY TOTAL: 0   10

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMFA F/A18 (West Coast), 00000					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	10			
VMFA(AW) F/A18 (west Coast), 00000					
USMC	0	1	CPL	6541	
	0	5	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			
FLEET SUPPORT ACTIVITIES - NAVY					
AIROPS/NAVOSH PM BRUNSWICK ME, 3193B					
ACDU	0	2	AO1	6801	
	0	1	AO1	6801	0812
	0	3	AO2	6801	
	0	2	AO3	6801	
ACTIVITY TOTAL:	0	8			
AMTGD MAYPORT, 66069					
ACDU	0	2	AOC	6801	9502
	0	2	AO1	6801	9502
ACTIVITY TOTAL:	0	4			
ATG NORFOLK, 30733					
ACDU	0	2	AOC	6801	
ACTIVITY TOTAL:	0	2			
AVORD MTT NORVA, 48764					
ACDU	0	5	AO1	6801	
ACTIVITY TOTAL:	0	5			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
BEAUFORT SEA ODT, 46961					
ACDU	0	1	AO2	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	2			
CNAL SHIP TRG TM, 44275					
ACDU	0	1	AOC	6802	9502
ACTIVITY TOTAL:	0	1			
COMNAVAIRLANT, 57012					
ACDU	0	2	AOC	6801	
	0	1	AOC	6802	9502
ACTIVITY TOTAL:	0	3			
CSFWLD BEAUFORT, 3006A					
ACDU	0	1	AOC	6802	
	0	1	AO1	6801	
	0	3	AO2	6801	
	0	2	AO2	6802	
	0	3	AO3	6801	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	11			
FMP MMF C, 68704					
SELRES	0	1	AO1	6802	
ACTIVITY TOTAL:	0	1			
LANTORDDET, 31279					
ACDU	0	1	AOC	6801	
	0	1	AO1	6801	
	0	8	AO2	6801	
	0	14	AO3	6801	
ACTIVITY TOTAL:	0	24			
NAF MILDENHALL, 57032					
ACDU	0	1	AOC	6801	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAF MISAWA AIMD, 44331					
ACDU	0	2	AO1	6802	
	0	1	AO3	6802	
SELRES	0	1	AO1	6802	
	0	2	AO2	6802	
ACTIVITY TOTAL:	0	6			
NAF WASHDC RAIMD, 44492					
TAR	0	2	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	3			
NAMTRAU JAX, 66051					
ACDU	0	1	AO1	6802	9502
ACTIVITY TOTAL:	0	1			
NAMTRAU NORFOLK, 66046					
ACDU	0	1	AOC	6801	9502
	0	1	AOC	6802	9502
	0	3	AO1	6801	9502
	0	4	AO1	6802	
SELRES	0	1	AO1	6802	9502
ACTIVITY TOTAL:	0	10			
NAS ATLANTA RAIMD, 44486					
TAR	0	1	AO1	6802	
	0	2	AO2	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	4			
NAS BRUNSWICK AIMD, 44314					
ACDU	0	2	AO1	6802	
	0	3	AO2	6802	
	0	5	AO3	6802	
ACTIVITY TOTAL:	0	10			
NAS JAX AIMD, 44319					
ACDU	0	2	AO1	6802	
	0	2	AO2	6802	
	0	3	AO3	6802	

ACTIVITY TOTAL: 0   7

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAS JRB FT WORTH, 44487					
TAR	0	1	AO2	6802	
	0	2	AO3	6802	
ACTIVITY TOTAL:	0	3			
NAS KEFLA AIMD, 44335					
ACDU	0	1	AO1	6802	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	2			
NAS KEFLAVIK ICELAND, 63032					
ACDU	0	1	AOC	6801	
	0	1	AOC	0812	6801
	0	1	AO2	6810	6801
	0	1	AO3	6801	
ACTIVITY TOTAL:	0	4			
NAS KEY WEST AIMD, 44320					
ACDU	0	1	AO1	6802	
	0	1	AO2	6802	
ACTIVITY TOTAL:	0	2			
NAS NORIS SEA OPDT, 46968					
ACDU	0	4	AOAN	6802	
ACTIVITY TOTAL:	0	4			
NAS NRLNS RAIMD, 44490					
TAR	0	1	AO2	6802	
	0	2	AO3	6802	
ACTIVITY TOTAL:	0	3			
NAS OCEANA AIMD, 44327					
ACDU	0	1	AOC	6802	9502
	0	7	AO1	6802	
	0	18	AO2	6802	
	0	20	AO3	6802	
	0	16	AOAN	6802	
ACTIVITY TOTAL:	0	62			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAS OCEANA SEA OPDT, 46963					
ACDU	0	13	AO2	6802	
	0	4	AO3	6802	
	0	3	AOAN	6802	
ACTIVITY TOTAL:	0	20			
NAS SIG AIMD, 44330					
ACDU	0	2	AO1	6802	
	0	1	AO2	6802	
ACTIVITY TOTAL:	0	3			
NAS WILGR RAIMD, 44493					
TAR	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			
Naval Ordnance Center, Indian Head , MD, 68963					
USMC	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	1			
NAVSTKAIR TS, 39783					
ACDU	0	2	AO1	6801	
	0	1	AO2	6801	
	0	5	AO3	6801	
ACTIVITY TOTAL:	0	8			
NAVTEST WINGLANT, 39782					
ACDU	0	1	AOC	6802	9502
	0	3	AO1	6802	
	0	3	AO2	6802	
	0	2	AO3	6802	
	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	10			
NS ROOSEVELT ROADS AIMD, 44373					
ACDU	0	2	AO1	6802	
	0	1	AO2	6802	
	0	4	AO3	6802	
ACTIVITY TOTAL:	0	7			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NWS Charleston, SC, 00193					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	5			
USS BATAAN LHD 5, 21879					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	1	AO1	6802	
	0	2	AO2	6801	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	14			
USS EISENHOWER CVN 69, 03369					
ACDU	0	7	AOC	6801	
	0	1	AOC	6802	9502
	0	23	AO1	6801	
	0	2	AO1	6802	
	0	30	AO2	6801	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	6	AOAN	6802	
SELRES	0	4	AOC	6801	
	0	5	AO1	6801	
	0	4	AO2	6801	
ACTIVITY TOTAL:	0	85			
USS ENTERPRISE CVN 65, 03365					
ACDU	0	1	AOC	6801	
	0	1	AOC	6802	9502
	0	9	AO1	6801	
	0	2	AO1	6802	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	17			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USS GEORGE WASHINGTON CVN 73, 21412					
ACDU	0	5	AOC	6801	
	0	1	AOC	6802	9502
	0	20	AO1	6801	
	0	2	AO1	6802	
	0	33	AO2	6801	
	0	2	AO2	6802	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
ACTIVITY TOTAL:	0	73			
USS HARRY S. TRUMAN CVN 75, 21853					
ACDU	0	5	AOC	6801	
	0	1	AOC	6802	9502
	0	21	AO1	6801	
ACDU	0	2	AO1	6802	
	0	29	AO2	6801	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	3	AOAN	6802	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
USS HARRY S. TRUMAN CVN 75, 21853, FY04 Increment					
ACDU	0	4	AO2	6801	
ACTIVITY TOTAL:	0	78			
USS IWO JIMA LHD 7, 23027					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	1	AO1	6802	
	0	2	AO2	6801	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	14			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USS JOHN F. KENNEDY CV 76, 03367					
ACDU	0	7	AOC	6801	
	0	1	AOC	6802	9502
	0	25	AO1	6801	
	0	2	AO1	6802	
	0	29	AO2	6801	
	0	1	AO2	6802	
	0	1	AO3	6802	
	0	6	AOAN	6802	
SELRES	0	2	AO1	6801	
	0	7	AO2	6801	
ACTIVITY TOTAL:	0	81			
USS KEARSARGE LHD 3, 21700					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	1	AO1	6802	
	0	2	AO2	6801	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	14			
USS NASSAU LHA 4, 20725					
ACDU	0	2	AOC	6801	
	0	10	AO1	6801	
	0	1	AO1	6802	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	14			
USS RONALD REAGAN CVN-76, 22178, FY04 Increment					
ACDU	0	9	AOC	6801	
	0	1	AOC	6802	9502
	0	29	AO1	6801	
	0	2	AO1	6802	
	0	37	AO2	6801	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	6	AOAN	6802	
ACTIVITY TOTAL:	0	87			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USS ROOSEVELT CVN 71, 21247					
ACDU	0	5	AOC	6801	
	0	1	AOC	6802	9502
	0	20	AO1	6801	
	0	2	AO1	6802	
	0	33	AO2	6801	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	4	AOAN	6802	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
ACTIVITY TOTAL:	0	78			
USS SAIPAN LHA 2, 20632					
ACDU	0	2	AOC	6801	
	0	10	AO1	6801	
	0	1	AO1	6802	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	14			
USS WASP LHD 1, 21560					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	1	AO1	6802	
	0	2	AO2	6801	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	14			
VFA 106					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			
VFA-201, 09030					
TAR	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			
VFA-203 DFTWORTH, 31633					
TAR	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VFA-204, 09032					
TAR	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			
VFA-204 DFTWORTH, 3234A					
TAR	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			
VP-10, 09639					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
ABFC FMP ALPHA, 49738					
TAR	0	1	AO1	6802	
SELRES	0	1	AO1	6802	
ACTIVITY TOTAL:	0	2			
AIMD MCBH KBAY, 44312					
ACDU	0	1	AO1	6802	
	0	2	AO2	6802	
ACTIVITY TOTAL:	0	3			
AIMU FALLON AIMD, 44317					
ACDU	0	6	AO1	6802	
	0	3	AO2	6802	
	0	4	AO3	6802	
ACTIVITY TOTAL:	0	13			
CAWP DET AIMD, 44328					
ACDU	0	2	AO1	6802	
	0	3	AO2	6802	
	0	3	AO3	6802	
ACTIVITY TOTAL:	0	8			
CNATRA CAU KVTX, 49149					
ACDU	0	1	AO1	6801	9549
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
CSCWP DET AIMD, 44326					
ACDU	0	3	AO1	6802	
	0	1	AO2	6802	
	0	2	AO3	6802	
ACTIVITY TOTAL:	0	6			
CSFWP DET AIMD, 44321					
ACDU	0	4	AOC	6802	
	0	9	AO1	6802	
	0	38	AO2	6802	
	0	15	AO3	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	68			
CVWP DET AIMD, 44329					
ACDU	0	2	AO1	6802	
	0	3	AO2	6802	
	0	2	AO3	6802	
ACTIVITY TOTAL:	0	7			
NAF ATSUGI AIMD, 44323					
ACDU	0	1	AOC	6802	9502
	0	1	AO1	6802	
	0	2	AO2	6802	
	0	2	AO3	6802	
ACTIVITY TOTAL:	0	6			
NAF EL CENTRO, 60042					
ACDU	0	1	AOC	6801	
	0	1	AO1	6801	
	0	1	AO1	6802	
	0	5	AO2	6801	
	0	1	AO2	6802	
ACTIVITY TOTAL:	0	9			
NAIRWPMAINTUN 1, 52821					
ACDU	0	1	AOC	6801	
	0	3	AO1	6801	
	0	12	AO2	6801	
	0	4	AO3	6801	
ACTIVITY TOTAL:	0	20			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAIRWPNMAINTUN 1, 52821					
ACDU	0	5	AO3	6802	
ACTIVITY TOTAL:	0	5			
NAMTRAU NORTH ISLAND, 66065					
ACDU	0	1	AOC	6802	9502
	0	3	AO1	6801	9502
	0	2	AO1	6802	
	0	2	AO2	6801	9502
	0	2	AO2	6802	
ACTIVITY TOTAL:	0	10			
NAMTRAU WHIDBEY, 66058					
ACDU	0	2	AOC	6801	9502
	0	3	AO1	6801	9502
ACTIVITY TOTAL:	0	5			
NAS LEMOORE, 63126					
ACDU	0	2	AO1	6801	
	0	1	AO2	6801	
	0	1	AO2	6801	0812
ACTIVITY TOTAL:	0	4			
NAS LEMOORE SEA OPDT, 46964					
ACDU	0	4	AO2	6802	
ACDU	0	4	AO3	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	10			
NAS WH VAN ODT, 31179					
ACDU	0	5	AO2	6802	
	0	14	AO3	6802	
ACTIVITY TOTAL:	0	19			
NAVBASE VC POINT MUGU, 69232					
ACDU	0	4	AO1	6801	
	0	5	AO2	6801	
ACTIVITY TOTAL:	0	9			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMO
	OFF	ENL			
NAVWPN TESTRON, 39787					
ACDU	0	3	AO1	6802	
	0	1	AO2	6802	
ACTIVITY TOTAL:	0	4			
NAWCWD (NWCF), 63126					
ACDU	0	1	AO1	6801	
ACTIVITY TOTAL:	0	1			
NSUPFA DIEGO GARIZA AIMD, 44337					
ACDU	0	1	AO2	6802	
ACTIVITY TOTAL:	0	1			
NSUPFAC DIEGO GARCI, 68539					
ACDU	0	1	AO1	6801	
	0	2	AO2	6801	
	0	2	AO3	6801	
ACTIVITY TOTAL:	0	5			
USS B RICHARD LHD 6, 22202					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	1	AO1	6802	
	0	2	AO2	6801	
	0	1	AO3	6802	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACTIVITY TOTAL:	0	14			
USS BELLA WOOD LHA 3, 20633					
ACDU	0	2	AOC	6801	
	0	9	AO1	6801	
	0	1	AO1	6802	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	13			
USS BOXER LHD 4, 21808					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	1	AO1	6802	
	0	2	AO2	6801	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	14			
USS CARL VINSON CVN 70, 20993					
ACDU	0	8	AOC	6801	
	0	1	AOC	6802	9502
	0	29	AO1	6801	
	0	2	AO1	6802	
	0	36	AO2	6801	
	0	1	AO2	6802	
	0	1	AO3	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	80			
USS CONSTELLATION CV64, 03364					
ACDU	0	6	AOC	6801	
	0	1	AOC	6802	9502
	0	10	AO1	6801	
	0	2	AO1	6802	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	20			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
USS ESSEX LHD 2, 21533					
ACDU	0	2	AOC	6801	
	0	7	AO1	6801	
	0	1	AO1	6802	
	0	2	AO2	6801	
	0	1	AO3	6802	
ACTIVITY TOTAL:	0	13			
USS JOH C. STENNIS CVN 74, 21847					
ACDU	0	9	AOC	6801	
	0	1	AOC	6802	9502
	0	29	AO1	6801	
	0	2	AO1	6802	
	0	35	AO2	6801	
	0	1	AO2	6802	
	0	2	AOAN	6802	
SELRES	0	2	AO2	6801	
	0	1	AOAN	6802	
ACTIVITY TOTAL:	0	82			
USS KITTY HAWK CV63, 03363					
ACDU	0	5	AOC	6801	
	0	1	AOC	6802	9502
	0	25	AO1	6801	
	0	2	AO1	6802	
	0	22	AO2	6801	
	0	4	AO2	6802	
	0	3	AO3	6802	
	0	6	AOAN	6802	
SELRES	0	1	AOC	6801	
	0	2	AO1	6801	
	0	2	AO2	6801	
	0	2	AOAN	6802	
USS KITTY HAWK CV63, 03363, FY03 Increment					
SELRES	0	1	AOC	6801	
	0	2	AO1	6801	
ACTIVITY TOTAL:	0	78			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USS LINCOLN CVN 72, 21297					
ACDU	0	9	AOC	6801	
	0	1	AOC	6802	9502
	0	29	AO1	6801	
	0	2	AO1	6802	
	0	37	AO2	6801	
	0	2	AO2	6802	
	0	1	AO3	6802	
	0	6	AOAN	6802	
ACTIVITY TOTAL:	0	87			
USS NIMITZ CVN 68, 03368					
ACDU	0	9	AOC	6801	
	0	1	AOC	6802	9502
	0	29	AO1	6801	
	0	2	AO1	6802	
	0	37	AO2	6801	
	0	2	AO2	6802	
	0	2	AOAN	6802	
ACTIVITY TOTAL:	0	82			
USS PELELIU LHA 5, 20748					
ACDU	0	2	AOC	6801	
	0	9	AO1	6801	
	0	1	AO1	6802	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	13			
USS TARAWA LHA 1, 20550					
ACDU	0	2	AOC	6801	
	0	9	AO1	6801	
	0	1	AO1	6802	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	13			
VAQ 129, 83896					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VFA 125, 53971					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			
VFMAT NAVDET-101, 52817					
ACDU	0	2	AO3	6802	
ACTIVITY TOTAL:	0	2			
VP-46, 09632					
ACDU	0	1	AO3	6802	
ACTIVITY TOTAL:	0	1			
FLEET SUPPORT ACTIVITIES - USMC					
BLOUT ISLAND COMMAND, 38450					
USMC	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	2			
FW MALS (East Coast), 00000					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	44			
H&HS MCAS BEAUFORT SC, 02031					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SGT	6541	9954
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	5			
H&HS MCAS CHERRY POINT NC, 02002					
USMC	0	4	CPL	6541	
	0	4	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	11			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
H&HS MCAS NEW RIVER NC, 02021					
USMC	0	1	CPL	6541	9954
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	5			
MALS 42 (RW), 09513					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	CPL	6541	
	0	1	GYSGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	3	LCPL	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	11			
MALS 49 (RW), 55555					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
AR	0	2	SSGT	6541	
SMCR	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	2	LCPL	6541	
ACTIVITY TOTAL:	0	10			
MALS-ROTARY WING (East Coast), 00000					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MC PERS DEPT of NAVY NON-DEPT, 00000					
USMC	0	2	CPL	6541	
	0	7	GYSGT	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	13			
VMAT 203, 45483					
USMC	0	3	GYSGT	6541	
	0	1	LCPL	6541	
	0	20	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	28			
FT WORTH, SITE SUPPORT, 00000					
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	2			
FW MALS (West coast), 00000					
USMC	0	9	CPL	6541	
	0	4	GYSGT	6541	
	0	20	LCPL	6541	
	0	7	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	44			
H&HS FUTENMA JAPAN, 02601					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	12			
H&HS IWAKUNI JAPAN, 02501					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	7			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
H&HS MCAS CAMP PENDLETON CA, 02208					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	8			
H&HS MCAS MIRAMAR CA, 02201					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	8			
H&HS MCAS YUMA AZ, 02230					
USMC	0	3	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
	0	1	SSGT	6541	9954
ACTIVITY TOTAL:	0	7			
HMT 303, 55176					
USMC	0	3	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	6			
MAD CHINA LAKE, 06117					
USMC	0	1	GYSGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	2			
MALS-ROTARY WING (West Coast), 00000					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MARINE AVIATION LOGISTICS SPT ELEMENT KANEOHE, 02300					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	6			
MAWTS 1 YUMA AZ, 55167					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	2			
MCAF KANEOHE BAY HAWAII, 02303					
USMC	0	4	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	7			
MCAGCC 29 PALMS, 67399					
USMC	0	3	LCPL	6541	
ACTIVITY TOTAL:	0	3			
VMAT 101, 09965					
USMC	0	3	CPL	6541	
	0	6	LCPL	6541	
ACTIVITY TOTAL:	0	9			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL
NAVY OPERATIONAL ACTIVITIES - ACDU														
AO3	6802			9		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - TAR														
AO3	6802			2		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - SELRES														
AO3	6802			2		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC														
CPL	6541			146		0		0		0		0		0
GYSGT	6541			10		0		0		0		0		0
LCPL	6541			205		0		0		0		0		0
SGT	6541			71		0		0		0		0		0
SSGT	6541			20		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR														
GYSGT	6541			1		0		0		0		0		0
LCPL	6541			1		0		0		0		0		0
SGT	6541			8		0		0		0		0		0
SSGT	6541			6		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR														
CPL	6541			11		0		0		0		0		0
GYSGT	6541			6		0		0		0		0		0
LCPL	6541			46		0		0		0		0		0
SGT	6541			9		0		0		0		0		0
SSGT	6541			4		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU														
AOC	6801			109		0		0		9		0		0
AOC	6801	9502		5		0		0		0		0		0
AOC	6802			5		0		0		0		0		0
AOC	6802	9502		19		0		0		1		0		0
AOC	0812	6801		1		0		0		0		0		0
AO1	6801			394		0		0		29		0		0
AO1	6801	812		1		0		0		0		0		0
AO1	6801	9502		11		0		0		0		0		0
AO1	6801	9549		1		0		0		0		0		0
AO1	6802			92		0		0		2		0		0
AO1	6802	9502		1		0		0		0		0		0
AO2	6801			381		0		0		41		0		0
AO2	6801	812		1		0		0		0		0		0
AO2	6801	9502		2		0		0		0		0		0
AO2	6802			132		0		0		2		0		0
AO2	6810	6801		1		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL
AO3	6801		31		0		0		0		0		0
AO3	6802		114		0		0		1		0		0
AOAN	6802		66		0		0		6		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR													
AO1	6802		4		0		0		0		0		0
AO2	6802		9		0		0		0		0		0
AO3	6802		6		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES													
AOC	6801		14		0		1		0		0		0
AO1	6801		21		0		2		0		0		0
AO1	6802		3		0		0		0		0		0
AO1	6802 9502		1		0		0		0		0		0
AO2	6801		24		0		0		0		0		0
AO2	6802		2		0		0		0		0		0
AOAN	6802		3		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - USMC													
CPL	6541		2		0		0		0		0		0
GYSGT	6541		1		0		0		0		0		0
SGT	6541		5		0		0		0		0		0
SSGT	6541		1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC													
CPL	6541		67		0		0		0		0		0
CPL	6541 9954		1		0		0		0		0		0
GYSGT	6541		51		0		0		0		0		0
LCPL	6541		156		0		0		0		0		0
SGT	6541		88		0		0		0		0		0
SGT	6541 9954		1		0		0		0		0		0
SSGT	6541		61		0		0		0		0		0
SSGT	6541 9954		1		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - AR													
CPL	6541		1		0		0		0		0		0
GYSGT	6541		2		0		0		0		0		0
SGT	6541		1		0		0		0		0		0
SSGT	6541		3		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - SMCR													
CPL	6541		1		0		0		0		0		0
GYSGT	6541		3		0		0		0		0		0
LCPL	6541		5		0		0		0		0		0
SSGT	6541		2		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY02 OFF	CFY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL

SUMMARY TOTALS:

NAVY OPERATIONAL ACTIVITIES - ACDU

			9		0		0		0		0		0

NAVY OPERATIONAL ACTIVITIES - TAR

			2		0		0		0		0		0

NAVY OPERATIONAL ACTIVITIES - SELRES

			2		0		0		0		0		0

USMC OPERATIONAL ACTIVITIES - USMC

			452		0		0		0		0		0

USMC OPERATIONAL ACTIVITIES - AR

			16		0		0		0		0		0

USMC OPERATIONAL ACTIVITIES - SMCR

			76		0		0		0		0		0

NAVY FLEET SUPPORT ACTIVITIES - ACDU

			1367		0		0		91		0		0

NAVY FLEET SUPPORT ACTIVITIES - TAR

			19		0		0		0		0		0

NAVY FLEET SUPPORT ACTIVITIES - SELRES

			68		0		3		0		0		0

NAVY FLEET SUPPORT ACTIVITIES - USMC

			9		0		0		0		0		0

USMC FLEET SUPPORT ACTIVITIES - USMC

			426		0		0		0		0		0

USMC FLEET SUPPORT ACTIVITIES - AR

			7		0		0		0		0		0

USMC FLEET SUPPORT ACTIVITIES - SMCR

			11		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY02 OFF	CFY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL
GRAND TOTALS:													
NAVY - ACDU			1376		0		0		91		0		0
NAVY - TAR			21		0		0		0		0		0
NAVY - SELRES			70		0		3		0		0		0
NAVY - USMC			9		0		0		0		0		0
USMC - USMC			878		0		0		0		0		0
USMC - AR			23		0		0		0		0		0
USMC - SMCR			87		0		0		0		0		0

II.A.2.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY DEACTIVATION SCHEDULE

SOURCE: TFMMS   DATE: 2/05/02

ACTIVITY, UIC		PFYs	CFY02	FY03	FY04	FY05	FY06
FLEET SUPPORT ACTIVITIES - NAVY							
USS CONSTELLATION CV64	03364	0	0	1	0	0	0
TOTAL:		0	0	1	0	0	0

II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
FLEET SUPPORT ACTIVITIES - NAVY					
USS KITTY HAWK CV63, 03363, FY03 Increment					
ACDU	0	1	AOC	6801	
	0	2	AO1	6801	
ACTIVITY TOTAL:	0	3			

II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL
NAVY FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6801		11		0		-7		0		0		0
AOC	6802 9502		1		0		-1		0		0		0
AO1	6801		35		0		-12		0		0		0
AO1	6802		2		0		-2		0		0		0
AO3	6802		1		0		-1		0		0		0

SUMMARY TOTALS:

NAVY FLEET SUPPORT ACTIVITIES - ACDU

	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
		50		0		-23		0		0		0

GRAND TOTALS:

NAVY - ACDU

	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
		50		0		-23		0		0		0

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU-4030 NAMTRAU, NS Mayport, 66069

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL
AOC	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
AO1	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	4	0	4	0	4	0	4	0	4	0	4

TRAINING ACTIVITY, LOCATION, UIC: MTU-4032 NAMTRAU Norfolk, NAS Norfolk, 66046

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL
AOC	6801 9502	0	1	0	1	0	1	0	1	0	1	0	1
AOC	6802 9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801 9502	0	3	0	3	0	3	0	3	0	3	0	3
AO1	6802 9502	0	3	0	3	0	3	0	3	0	3	0	3

SELRES

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL
AO1	6802 9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:		0	9	0	9	0	9	0	9	0	9	0	9

TRAINING ACTIVITY, LOCATION, UIC: MTU-4033 NAMTRAU, NAS North Island, 66065

INSTRUCTOR BILLETS

ACDU

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL
AOC	6802 9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
AO1	6802 9502	0	1	0	1	0	1	0	1	0	1	0	1
AO2	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
AO2	6802 9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	8	0	8	0	8	0	8	0	8	0	8

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL	FY05 OFF	ENL	FY06 OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU-4034 VMAT -203 FREST, MCAS Cherry Point, 45483

INSTRUCTOR BILLETS

USMC

GYSGT	6541	0	0	0	0	0	0	0	0	0	0	0	0
SGT	6541	0	19	0	19	0	19	0	19	0	19	0	19
SSGT	6541	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	21	0	21	0	21	0	21	0	21	0	21

TRAINING ACTIVITY, LOCATION, UIC: MTU-4035 NAMTRAU, NAS Whidbey Island, 66058

INSTRUCTOR BILLETS

ACDU

AOC	6801	9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	3	0	3	0	3	0	3	0	3	0	3

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs OFF	PFYs ENL	CFY02 OFF	CFY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL
MTU-4030 NAMTRAGRU DET Mayport, 66069													
	NAVY		1.9		1.9		1.9		1.9		1.9		1.9
MTU-4032 NAMTRAU ,Norfolk, 66046													
	NAVY		23.2		23.2		25.2		35.0		26.2		26.2
NAMTRA MARUNIT, MCAS Cherry Point, 45483													
	USMC		47.7		47.7		47.7		47.7		47.7		47.7
MTU-4033 NAMTRAU, North Island, 66065													
	NAVY		22.0		22.0		21.9		21.2		21.2		21.2
MTU-4035 NAMTRAU, Whidbey Island, 66058													
	NAVY		3.6		3.6		3.6		3.6		3.6		3.6

SUMMARY TOTALS:

	NAVY		50.7		50.7		52.6		61.7		52.9		52.9
	USMC		47.7		47.7		47.7		47.7		47.7		47.7

GRAND TOTALS:

			98.4		98.4		100.3		109.4		100.6		100.6

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM
a. OFFICER - USN				NA									
b. ENLISTED - USN													
Operational Billets ACDU and TAR													
AO3	6802		11	0	11	0	11	0	11	0	11	0	11
Fleet Support Billets ACDU and TAR													
AOC	6801		109	0	109	-7	102	9	111	0	111	0	111
AOC	6801	9502	5	0	5	0	5	0	5	0	5	0	5
AOC	6802		5	0	5	0	5	0	5	0	5	0	5
AOC	6802	9502	19	0	19	-1	18	1	19	0	19	0	19
AOC	0812	6801	1	0	1	0	1	0	1	0	1	0	1
AO1	6801		394	0	394	-12	382	29	411	0	411	0	411
AO1	6801	812	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	11	0	11	0	11	0	11	0	11	0	11
AO1	6801	9549	1	0	1	0	1	0	1	0	1	0	1
AO1	6802		96	0	96	-2	94	2	96	0	96	0	96
AO1	6802	9502	1	0	1	0	1	0	1	0	1	0	1
AO2	6801		381	0	381	0	381	41	422	0	422	0	422
AO2	6801	812	1	0	1	0	1	0	1	0	1	0	1
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO2	6802		141	0	141	0	141	2	143	0	143	0	143
AO2	6810	6801	1	0	1	0	1	0	1	0	1	0	1
AO3	6801		31	0	31	0	31	0	31	0	31	0	31
AO3	6802		120	0	120	-1	119	1	120	0	120	0	120
AOAN	6802		66	0	66	0	66	6	72	0	72	0	72
Staff Billets ACDU and TAR													
AOC	6801	9502	4	0	4	0	4	0	4	0	4	0	4
AOC	6802	9502	2	0	2	0	2	0	2	0	2	0	2
AO1	6801	9502	9	0	9	0	9	0	9	0	9	0	9
AO1	6802	9502	5	0	5	0	5	0	5	0	5	0	5
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO2	6802	9502	2	0	2	0	2	0	2	0	2	0	2
Chargeable Student Billets ACDU and TAR													
			51	0	51	2	53	9	62	-9	53	0	53
SELRES Billets													
AOC	6801		14	0	14	1	15	0	15	0	15	0	15
AO1	6801		21	0	21	2	23	0	23	0	23	0	23
AO1	6802		3	0	3	0	3	0	3	0	3	0	3
AO1	6802	9502	1	0	1	0	1	0	1	0	1	0	1
AO2	6801		24	0	24	0	24	0	24	0	24	0	24

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM
AO2	6802		2	0	2	0	2	0	2	0	2	0	2
AO3	6802		2	0	2	0	2	0	2	0	2	0	2
AOAN	6802		3	0	3	0	3	0	3	0	3	0	3

TOTAL USN ENLISTED BILLETS:

Operational			11	0	11	0	11	0	11	0	11	0	11
Fleet Support			1386	0	1386	-23	1363	91	1454	0	1454	0	1454
Staff			24	0	24	0	24	0	24	0	24	0	24
Chargeable Student			51	0	51	2	53	9	62	-9	53	0	53
SELRES			70	0	70	3	73	0	73	0	73	0	73

c. OFFICER - USMC NA

d. ENLISTED - USMC

Operational Billets USMC and AR

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM
CPL	6541		146	0	146	0	146	0	146	0	146	0	146
GYSGT	6541		11	0	11	0	11	0	11	0	11	0	11
LCPL	6541		206	0	206	0	206	0	206	0	206	0	206
SGT	6541		79	0	79	0	79	0	79	0	79	0	79
SSGT	6541		26	0	26	0	26	0	26	0	26	0	26

Fleet Support Billets USMC and AR

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM
CPL	6541		70	0	70	0	70	0	70	0	70	0	70
CPL	6541	9954	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6541		54	0	54	0	54	0	54	0	54	0	54
LCPL	6541		156	0	156	0	156	0	156	0	156	0	156
SGT	6541		94	0	94	0	94	0	94	0	94	0	94
SGT	6541	9954	1	0	1	0	1	0	1	0	1	0	1
SSGT	6541		65	0	65	0	65	0	65	0	65	0	65
SSGT	6541	9954	1	0	1	0	1	0	1	0	1	0	1

Staff Billets USMC and AR

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM
GYSGT	6541		0	0	0	0	0	0	0	0	0	0	0
SGT	6541		19	0	19	0	19	0	19	0	19	0	19

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY02 +/-	CFY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM
SSGT	6541		2	0	2	0	2	0	2	0	2	0	2
Chargeable Student Billets USMC and AR													
			48	0	48	0	48	0	48	0	48	0	48
SMCR Billets													
CPL	6541		12	0	12	0	12	0	12	0	12	0	12
GYSGT	6541		9	0	9	0	9	0	9	0	9	0	9
LCPL	6541		51	0	51	0	51	0	51	0	51	0	51
SGT	6541		9	0	9	0	9	0	9	0	9	0	9
SSGT	6541		6	0	6	0	6	0	6	0	6	0	6

TOTAL USMC ENLISTED BILLETS:

	BILLET BASE	CFY02 +/-	CFY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM
Operational	468	0	468	0	468	0	468	0	468	0	468
Fleet Support	442	0	442	0	442	0	442	0	442	0	442
Staff	21	0	21	0	21	0	21	0	21	0	21
Chargeable Student	48	0	48	0	48	0	48	0	48	0	48
SMCR	87	0	87	0	87	0	87	0	87	0	87

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-646-7001, Strike Armament Equipment Intermediate Maintenance
COURSE LENGTH: 9.0 Weeks   **TOUR LENGTH:**   36 Months
ATTRITION FACTOR: Navy: 10%   USMC: 0%   **BACKOUT FACTOR:**   0.18

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY02 OFF	CFY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL
MTU-4032 NAMTRAU, Norfolk												
	NAVY	ACDU		75		77		86		79		79
		TAR		7		7		7		7		7
		SELRES		0		1		0		1		0
		TOTAL:		82		85		93		87		86

CIN, COURSE TITLE: E-646-7001, Strike Armament Equipment Intermediate Maintenance
COURSE LENGTH: 9.0 Weeks   **TOUR LENGTH:**   36 Months
ATTRITION FACTOR: Navy: 10%   USMC: 0%   **BACKOUT FACTOR:**   0.18

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY02 OFF	CFY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL
MTU-4033 NAMTRAU, North Island												
	NAVY	ACDU		84		84		83		83		83
		TAR		1		1		1		1		1
		SELRES		0		1		0		1		0
		TOTAL:		85		86		84		85		84

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 7.0 Weeks   **TOUR LENGTH:**   60 Months
ATTRITION FACTOR: Navy: 10%   USMC: 0%   **BACKOUT FACTOR:**   0.14

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY02 OFF	CFY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL
MTU-4030 NAMTRAGRU DET, Mayport												
	NAVY	ACDU		15		15		15		15		15
		SELRES		1		1		1		1		1
MTU-4032 NAMTRAU Norfolk												
	NAVY	ACDU		77		90		155		95		95
		SELRES		4		4		4		4		4
		TOTAL:		97		110		175		115		115

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: E-646-7007, General Shipboard /NAS Weapons Department Maintenance
COURSE LENGTH: 6.0 Weeks   **TOUR LENGTH:**   60 Months
ATTRITION FACTOR: Navy: 10%   USMC: 0%   **BACKOUT FACTOR:**   0.12

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY02 OFF	CFY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL
MTU-4033 NAMTRAU, North Island												
	NAVY	ACDU		73		72		68		68		68
		SELRES		1		1		1		1		1
MTU-4035 NAMTRAU, Whidbey Island												
	NAVY	ACDU		33		33		33		33		33
		TOTAL:		107		106		102		102		102

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Intermediate Maintenance
COURSE LENGTH: 11.0 Weeks   **TOUR LENGTH:**   36 Months
ATTRITION FACTOR: Navy: 0%   USMC: 0%   **BACKOUT FACTOR:**   0.22

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY02 OFF	CFY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL
NAMTRA MARUNIT, MCAS Cherry Point												
	USMC	USMC		220		220		220		220		220
		AR		6		6		6		6		6
		SMCR		9		9		9		9		9
		TOTAL:		235		235		235		235		235

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AIM-9M and, therefore, are not included in this NTSP.

III.A.1   Initial Training

III.A.2   Follow-on Training

   III.A.2.b. Planned Courses

   III.A.2.c. Unique Courses

III.A.3.   Existing Training Phased Out

III.A. TRAINING COURSE REQUIREMENTS

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7001, Strike Armament Equipment Intermediate Maintenance
TRAINING ACTIVITY: MTU-4032 NAMTRAU Norfolk
LOCATION, UIC: Norfolk, 66046

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	82		84		93		86		86	ATIR
	74		76		84		77		77	Output
	13.4		13.7		15.2		14.1		14.1	AOB
	13.4		13.7		15.2		14.1		14.1	Chargeable

SOURCE: NAVY   **STUDENT CATEGORY:** SELRES

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		0		1		0	ATIR
	0		1		0		1		0	Output
	0.0		0.2		0.0		0.2		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: E-646-7001, Strike Armament Equipment Intermediate Maintenance
TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: North Island, 66065

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	85		85		84		84		84	ATIR
	76		76		76		76		76	Output
	14.0		14.0		13.8		13.8		13.8	AOB
	14.0		14.0		13.8		13.8		13.8	Chargeable

SOURCE: NAVY   **STUDENT CATEGORY:** SELRES

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		1		0		1		0	ATIR
	0		1		0		1		0	Output
	0.0		0.2		0.0		0.2		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU-4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	15		15		15		15		15	ATIR
	14		14		14		14		14	Output
	1.9		1.9		1.9		1.9		1.9	AOB
	1.9		1.9		1.9		1.9		1.9	Chargeable

SOURCE: NAVY   **STUDENT CATEGORY:** SELRES

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

TRAINING ACTIVITY: MTU-4032 NAMTRAU Norfolk
LOCATION, UIC: Norfolk, 66046

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	77		90		155		95		95	ATIR
	69		81		140		86		86	Output
	9.8		11.5		19.8		12.1		12.1	AOB
	9.8		11.5		19.8		12.1		12.1	Chargeable

SOURCE: NAVY   **STUDENT CATEGORY:** SELRES

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	4		4		4		4		4	ATIR
	4		4		4		4		4	Output
	0.5		0.5		0.5		0.5		0.5	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: E-646-7007, General Shipboard /NAS Weapons Department Maintenance
TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: North Island, 66065

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	73		72		68		68		68	ATIR
	66		65		61		61		61	Output
	8.0		7.9		7.4		7.4		7.4	AOB
	8.0		7.9		7.4		7.4		7.4	Chargeable

SOURCE: NAVY   **STUDENT CATEGORY:** SELRES

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

TRAINING ACTIVITY: MTU-4035 NAMTRAU
LOCATION, UIC: Whidbey Island, 66058

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	33		33		33		33		33	ATIR
	30		30		30		30		30	Output
	3.6		3.6		3.6		3.6		3.6	AOB
	3.6		3.6		3.6		3.6		3.6	Chargeable

CIN, COURSE TITLE: M-646-7026, Aircraft Ordnance Intermediate Maintenance
TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 45483

SOURCE: USMC   **STUDENT CATEGORY:** USMC - AR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	226		226		226		226		226	ATIR
	226		226		226		226		226	Output
	47.7		47.7		47.7		47.7		47.7	AOB
	47.7		47.7		47.7		47.7		47.7	Chargeable

III.A.2.a. EXISTING COURSES

SOURCE: USMC **STUDENT CATEGORY:** SMCR

CFY02		FY03		FY04		FY05		FY06		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	9		9		9		9		9	ATIR
	9		9		9		9		9	Output
	1.9		1.9		1.9		1.9		1.9	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AIM-9M and, therefore, are not included in this NTSP.

IV.B.   Courseware Requirements

    IV.B.1.   Training Services

IV.C.   Facility Requirements

IV.A. TRAINING HARDWARE

IV.A.1. TTE/GPTE/SPTE/ST/GPETE/SPETE

TRAINING ACTIVITY: NATTC, AO "A" School
LOCATION, UIC: NAS Pensacola, 63082

CIN, COURSE TITLE: C-646-2011, Aviation Ordnanceman Common Core Class A1
C-646-2012, Aviation Ordnanceman Navy Difference Training Strand Class A1

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
001	CNU-435/E	NA	1		GFE	On Hand
002	LAU-7 SERIES	NA	2		GFE	On Hand
003	LAU-127 SERIES	NA	2		GFE	On Hand
004	LAU-138 Series	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	Pending DWT ECP

TRAINING ACTIVITY: SFWS Atlantic
LOCATION, UIC: NAS Oceana, 47084

CIN, COURSE TITLE: D-646-0640, F/A-18 Conventional Weapons Loading
D-646-0647, F/A-18 Conventional Release Systems Test

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
002	LAU-7 SERIES	NA	2		GFE	On Hand
003	LAU-127 SERIES	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

TRAINING ACTIVITY: SFWS Pacific
LOCATION, UIC: NAS Lemoore, 35185

CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading
E-646-0647, F/A-18 Conventional Release Systems Test

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
002	LAU-7 SERIES	NA	2		GFE	On Hand
003	LAU-127 SERIES	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

IV.A.1.   TTE/GPTE/SPTE/ST/GPETE/SPETE

TRAINING ACTIVITY: SWATSLANT
LOCATION, UIC: NAS Oceana, 47157

CIN, COURSE TITLE: D-646-1644, F-14A/B Conventional Weapons Loading
D-646-1645, F-14A/B Integrated Weapons Team Refresher Training
D-646-1646, F-14D Conventional Weapons Loading
D-646-0648, F-14D Integrated Weapons Team Refresher Training

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
002	LAU-7 SERIES	NA	2		GFE	On Hand
004	LAU-138 Series	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

TRAINING ACTIVITY: MTU-1007 NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, 66045

CIN, COURSE TITLE: C-646-9962, F-14 Armament Systems Organizational Maintenance (Initial)
C-646-9963, F-14 Armament Systems Organizational Maintenance (Career)

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
002	LAU-7 SERIES	NA	2		GFE	On Hand
004	LAU-138 Series	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Camp Pendleton, 66063

CIN, COURSE TITLE: C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
002	LAU-7 SERIES	NA	2		GFE	On Hand
003	AN/AWM-100	NA	1		GFE	On Hand

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 57080

CIN, COURSE TITLE: C-646-3893, AV-8B Conventional Weapons Loading
C-646-9888, AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
002	LAU-7 SERIES	NA	2		GFE	On Hand
003	LAU-127 SERIES	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand

IV.A.1. TTE/GPTE/SPTE/ST/GPETE/SPETE

TRAINING ACTIVITY: MTU-4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
C-646-4109, Weapons Department General Aviation Ordnance

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
001	CNU-435/E	NA	1		GFE	On Hand

TRAINING ACTIVITY: MTU-4032 NAMTRAU
LOCATION, UIC: Norfolk, 66046

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
C-646-3118, Strike Armament Systems Intermediate Maintenance
C-646-4109, Weapons Department General Aviation Ordnance

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
001	CNU-435/E	NA	1		GFE	On Hand
002	LAU-7 SERIES	NA	2		GFE	On Hand
003	LAU-127 SERIES	NA	2		GFE	On Hand
004	LAU-138 Series	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand
006	CRALTS	NA	3		GFE	On Hand

TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: North Island, 66065

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
C-646-3118, Strike Armament Systems Intermediate Maintenance
C-646-4109, Weapons Department General Aviation Ordnance

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
001	CNU-435/E	NA	1		GFE	On Hand
002	LAU-7 SERIES	NA	2		GFE	On Hand
003	LAU-127 SERIES	NA	2		GFE	On Hand
004	LAU-138 Series	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand
006	CRALTS	NA	3		GFE	On Hand

IV.A.1.   TTE/GPTE/SPTE/ST/GPETE/SPETE

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 66047

CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
001	CNU-435/E	NA	1		GFE	On Hand
002	LAU-7 SERIES	NA	4		GFE	On Hand
003	LAU-127 SERIES	NA	2		GFE	On Hand
005	AN/AWM-100	NA	1		GFE	On Hand
004	CRALTS	NA	6		GFE	On Hand

TRAINING ACTIVITY: MTU-4035 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058

CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
C-646-4109, Weapons Department General Aviation Ordnance

ITEM NUMBER	EQUIPMENT	TYPE OR RANGE OF REPAIR PARTS	QUANT REQD	DATE REQD	GFE CFE	STATUS
TTE						
001	CNU-435/E	NA	1		GFE	On Hand

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4, CATM-9M-12 and CATM-9M-27 (for F/A-18E/F only)

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 and CATM-9M-27 use the WGU-4E/B GCS that is used in the AIM-9M-8 and AIM-9M-10 configurations.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS[1]	COURSES SUPPORTED
VFA-106 NAS Oceana, 09679	20			On Board	D-2A-0601 D-2A-0602 D-2A-0604 D-2A-0606
VFA-125 NAS Lemoore, 09485	20			On Board	E-2A-0601 E-2A-0602 E-2A-0604 E-2A-0606
VFA-122 NAS Lemoore, TBD	20			On Board WF55	E-2A-0601 E-2A-0602 E-2A-0604 E-2A-0606
VMFAT-101 MCAS Miramar, 09965	28			20 On Board	M13P4B3 M13P3V3 M13P3W3 M13P4C3 M13P3R3 M13P3S3
VMAT-203 MCAS Cherry Point, 45483	20			On Board	M04P4H4 M04P4Q4 M04P4R4
SFWS Atlantic NAS Oceana, 40784	10			On Board	SFARP SFWE D-646-0640 D-646-0647

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[1] Guidance from OPNAVINST 8010.99. CATMs, although not considered expendable ordnance, are included on the Annual NCEA for allocation management purposes. The CATM training requirements are published in the applicable NTSP (requirements are shown by squadron/activity, but allocated by claimant). Accordingly, NCEA distribution to all Major Claimants for CATMs is based on the established NTSP requirement for each weapon system. In cases where the total CATM inventory is less than the total requirement, the NCEA quantity is calculated on a fair-share percentage basis. In all cases, 100 percent of the CATM inventories will be allocated; hence, augment requests should not be submitted without compelling justification since augments will require reallocating from one claimant to another.

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4, CATM-9M-12 and CATM-9M-27 (for F/A-18E/F only)

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 and CATM-9M-27 use the WGU-4E/B GCS that is used in the AIM-9M-8 and AIM-9M-10 configurations.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS[1]	COURSES SUPPORTED
SFWS Pacific NAS Lemoore, 35185	10			On Board	SFARP SFWE E-646-0640 E-646-0647
VF-101 NAS Oceana, 09067	20			On Board	D-2A-1601, D-2D-1601 D-2A-1602, D-2D-1602 D-2A-1603, D-2D-1603 D-2A-1604, D-2D-1604 D-2A-1605, D-2D-1605 D-2A-1631, D-2D-1631 D-2A-1634, D-2D-1634 D-2A-1637, D-2D-1637 D-2A-1640, D-2D-1640
SWATSLANT NAS Oceana, 47157	10			On Board	SFARP SFWE D-646-1644 D-646-1645 D-646-1646 D-646-1648
Naval Strike and Air Warfare Center N7 (Topgun) NAS Fallon, 69190	10			On Board	SFTP SFTI
MAWTS 1, MCAS Yuma, 55167	20			On Board	ACTI/ACMI/ DEFTACI/WTI
VFA-22, NAS Lemoore, 09561	10			On Board	T&R/SFTP
VFA-25, NAS Lemoore, 09637	10			On Board	T&R/SFTP
VFA-94, NAS Lemoore, 09295	10			On Board	T&R/SFTP
VFA-97, NAS Lemoore, 63923	10			On Board	T&R/SFTP
VFA-113, NAS Lemoore, 09092	10			On Board	T&R/SFTP
VFA-115, NAS Lemoore, 09604	10			On Board	T&R/SFTP
VFA-137, NAS Lemoore, 55142	10			On Board	T&R/SFTP
VFA-146, NAS Lemoore, 09063	10			On Board	T&R/SFTP
VFA-147, NAS Lemoore, 63925	10			On Board	T&R/SFTP

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4, CATM-9M-12 and CATM-9M-27 (for F/A-18E/F only)

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 and CATM-9M-27 use the WGU-4E/B GCS that is used in the AIM-9M-8 and AIM-9M-10 configurations.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS[1]	COURSES SUPPORTED
VFA-151, NAS Lemoore, 09558	10			On Board	T&R/SFTP
VFA-27, NAF Atsugi, 65185	10			On Board	T&R/SFTP
VFA-154, NAF Atsugi, 09678	10			On Board	T&R/SFTP
VFA-192, NAF Atsugi, 55179	10			On Board	T&R/SFTP
VFA-195, NAF Atsugi, 09706	10			On Board	T&R/SFTP
VFA-127, NAS Fallon, 08956	10			On Board	T&R/SFTP
VFC-13 (TAR), NAS Fallon, 52995	10			On Board	T&R/SFTP
VFA-15, NAS Oceana, 09015	10			On Board	T&R/SFTP
VFA-34, NAS Oceana, 09070	10			On Board	T&R/SFTP
VFA-37, NAS Oceana, 09478	10			On Board	T&R/SFTP
VFA-81, NAS Oceana, 09221	10			On Board	T&R/SFTP
VFA-82, MCAS Beaufort, 09122	10			On Board	T&R/SFTP
VFA-83, NAS Oceana, 09223	10			On Board	T&R/SFTP
VFA-86, MCAS Beaufort, 09943	10			On Board	T&R/SFTP
VFA-87, NAS Oceana, 63922	10			On Board	T&R/SFTP
VFA-105, NAS Oceana, 65183	10			On Board	T&R/SFTP
VFA-131, NAS Oceana, 63934	10			On Board	T&R/SFTP
VFA-136, NAS Oceana, 55141	10			On Board	T&R/SFTP
VFC-12 (TAR), NAS Oceana, 52994	10			On Board	T&R/SFTP
VFA-201 (TAR), NAS/JRB Ft. Worth, 09309	10			On Board	T&R/SFTP
VFA-203 (TAR), NAS/JRB Atlanta, 09030	10			On Board	T&R/SFTP
VFA-204 (TAR), NAS/JRB New Orleans, 09032	10			On Board	T&R/SFTP
VX-1, NAS Patuxent River, 55600	10			On Board	T&R/SFTP
VX-9, NAWCWD China Lake, 55646	10			On Board	T&R/SFTP
VX-9 Det, NAWCWD Point Mugu, 09830	10			On Board	T&R/SFTP
NAVWPNTESTRON China Lake, 39787	10			On Board	T&R/SFTP
NAVWPNTESTRON Point Mugu, 39788	10			On Board	T&R/SFTP
NAVSTKAIRTESTRON, NAS Patuxent River, 39783	10			On Board	T&R/SFTP

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4, CATM-9M-12 and CATM-9M-27 (for F/A-18E/F only)

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 and CATM-9M-27 use the WGU-4E/B GCS that is used in the AIM-9M-8 and AIM-9M-10 configurations.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS[1]	COURSES SUPPORTED
VMFA-115, MCAS Beaufort, 09234	10			On Board	T&R
VMFA-122, MCAS Beaufort, 09407	10			On Board	T&R
VMFA-251, MCAS Beaufort, 09241	10			On Board	T&R
VMFA-312, MCAS Beaufort, 09253	10			On Board	T&R
VMFA(AW)-224, MCAS Beaufort, 01224	18			10 On Board	T&R
VMFA(AW)-332, MCAS Beaufort, 09501	18			10 On Board	T&R
VMFA(AW)-533, MCAS Beaufort, 09193	18			10 On Board	T&R
VMFA-212, MCAS Iwakuni, 09434	10			On Board	T&R
VMFA-232, MCAS Miramar, 09242	10			On Board	T&R
VMFA-235, , MCAS Miramar, 09237	10			On Board	T&R
VMFA-314, MCAS Miramar, 09230	10			On Board	T&R
VMFA-323, MCAS Miramar, 09235	10			On Board	T&R
VMFA(AW)-121, MCAS Miramar, 09257	18			10 On Board	T&R
VMFA(AW)-225, MCAS Miramar, 09232	18			10 On Board	T&R
VMFA(AW)-242, MCAS Miramar, 09668	18			10 On Board	T&R
VMFA-112 (AR), JRB/NAS Ft. Worth, 08954	10			On Board	T&R
VMFA-134 (AR), MCAS Miramar, 09365	10			On Board	T&R
VMFA-142 (AR), JRB/NAS Atlanta, 67243	10			On Board	T&R
VMFA-321 (AR), NAF Washington (Andrews AFB), 67235	10			On Board	T&R
Naval Strike and Air Warfare Center (Strike U) NAS Fallon	10			On Board	T&R
VFA-14, NAS Oceana, 09084	10			On Board	T&R/SFTP
VF-32, NAS Oceana, 09053	10			On Board	T&R/SFTP
VFA-41, NAS Oceana, 09774	10			On Board	T&R/SFTP
VF-154, NAS Oceana, 09678	10			On Board	T&R/SFTP

IV.A.2. TRAINING DEVICES

DEVICE: Captive Air Training Missile, CATM-9M-4, CATM-9M-12 and CATM-9M-27 (for F/A-18E/F only)

DESCRIPTION OF DEVICE: The CATM is a captive flight training missile permitting realistic exercise of the AIM-9M seeker. Airborne operation of the CATM provides the operator all interaction between aircraft and missile without expending the missile. The CATM-9M-4 uses the WGU-4A/B GCS that is used in the AIM-9M-1/3 configurations. The CATM-9M-12 and CATM-9M-27 use the WGU-4E/B GCS that is used in the AIM-9M-8 and AIM-9M-10 configurations.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS[1]	COURSES SUPPORTED
VF-211, NAS Oceana, 09086	10			On Board	T&R/SFTP
VF-213, NAS Oceana, 09934	10			On Board	T&R/SFTP
VF-2, NAS Oceana, 09113	10			On Board	T&R/SFTP
VF-11, NAS Oceana, 09560	10			On Board	T&R/SFTP
VF-102, NAS Oceana, 09717	10			On Board	T&R/SFTP
VF-103, NAS Oceana, 09718	10			On Board	T&R/SFTP
VF-143, NAS Oceana, 09281	10			On Board	T&R/SFTP
VMA-223, MCAS Cherry Point, 09438	10			On Board	T&R
VMA-231, MCAS Cherry Point, 52948	10			On Board	T&R
VMA-542, MCAS Cherry Point, 52487	10			On Board	T&R
VMA-211, MCAS Yuma, 09412	10			On Board	T&R
VMA-214, MCAS Yuma, 09436	10			On Board	T&R
VMA-311, MCAS Yuma, 09416	10			On Board	T&R
VMA-513, MCAS Yuma, 09231	10			On Board	T&R
HMT-303, MCAS Camp Pendleton, 55176	10			On Board	T&R
HMLA-169, MCAS Camp Pendleton, 09202	4			On Board	T&R
HMLA-267, MCAS Camp Pendleton, 09159	4			On Board	T&R
HMLA-367, MCAS Camp Pendleton, 09079	4			On Board	T&R
HMLA-369, MCAS Camp Pendleton, 09361	4			On Board	T&R
HMLA-167, MCAS New River, 09167	4			On Board	T&R
HMLA-269, MCAS New River, 08998	4			On Board	T&R
HMLA-775 (AR) , MCAS New River, 55252	4			On Board	T&R
STRIKE Armament	10			On Board	
TOTAL: (86% Asset Readiness)	1034				
TOTAL: (100% Asset Readiness)	1202				

IV.A.2. TRAINING DEVICES

DEVICE: Dummy Air Training Missile, DATM-9L/M

DESCRIPTION OF DEVICE: The DATM is physically representative of the AIM-9M. It is a training device to facilitate instruction and familiarization for transporting, handling, loading, and visual inspection procedures for organizational- and intermediate-level training purposes. The DATM is not certified for flight, and is designed for ground training use only.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
MTU-4030, NAMTRAGRU DET Mayport, 66069	2			On Board (DATM-9L)	C-122-3111 C-646-4108 C-646-4109
MTU-4032, NAMTRAU Norfolk, 66046	2			On Board (DATM-9L)	C-122-3111 C-646-4108 C-646-4109
MTU-4033, NAMTRAU North Island, 66065	2			On Board (DATM-9L)	C-122-3111 C-646-4108 C-646-4109
NAMTRA MARUNIT MCAS Cherry Point, 66047	2			On Board (DATM-9L) (CATM-9M)	C-646-3105
MTU-4035, NAMTRAU Whidbey Island, 66058	2			1 On Board (DATM-9M)	C-122-3111
NATTC, AO A1 School NAS Pensacola, 63082	2			4 On Board (DATM-9L)	C-646-2011A C-646-2012A
NAF Washington Andrews AFB, Maryland, 00166	1			On Board	F/A-18 Conventional Weapons Loading
NAS Atlanta Marietta, Georgia, 00196	2			On Board	F/A-18 Conventional Weapons Loading
NAS/Joint Reserve Base (JRB) New Orleans New Orleans, Louisiana, 00206	1			On Board	F/A-18 Conventional Weapons Loading
NAS/JRB Fort Worth Fort Worth, Texas, 00215	2			On Board	F/A-18 Conventional Weapons Loading
SFWSL NAS Cecil Field, 47084	2			On Board	D-646-0640
SFWSP NAS Lemoore, 35185	2			On Board	E-646-0640
SWATSLANT NAS Oceana, 47157	2			On Board	D-646-1642
VF-101 NAS Oceana, 09067	2			On Board	D-646-1642

IV.A.2. TRAINING DEVICES

DEVICE: Dummy Air Training Missile, DATM-9L/M

DESCRIPTION OF DEVICE: The DATM is physically representative of the AIM-9M. It is a training device to facilitate instruction and familiarization for transporting, handling, loading, and visual inspection procedures for organizational- and intermediate-level training purposes. The DATM is not certified for flight, and is designed for ground training use only.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
NAMTRA MARUNIT MCAS Cherry Point, 57080	2			On Board	C-646-3893 F/A-18 Conventional Weapons Loading C-646-4107
NAMTRA MARUNIT MCAS Camp Pendleton, 66063	1			On Board	C-646-9361
MTU-1007 NAMTRAU Oceana, 66045	2			On Board	C-646-9962 C-646-9963
TOTAL:	32				

IV.A.2. TRAINING DEVICES

DEVICE: Practical Explosive Ordnance Disposal System Trainer (PEST)

DESCRIPTION OF DEVICE: The PEST is a full scale model fabricated from actual hardware, having approximately the same weight and center of gravity as the tactical missile. The PEST is used for teaching Rendering Safe Procedures. For AIM-9M, the PEST requirement is satisfied by inert components from various Sidewinder missiles.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
NAVSCOLEOD Eglin AFB, 62640	3			On Board	A-431-0011 A-431-0012
EODTEU ONE San Diego, 30202	1			On Board	G-431-0001
EODTEU TWO Fort Story, 43505	1			On Board	G-431-0001
TOTAL:	5				

DEVICE: Classroom Explosive Ordnance Disposal System Trainer (CEST)

DESCRIPTION OF DEVICE: The AIM-9M CEST is a full-scale, inert replica of the tactical AIM-9M with cut-away areas exposing the explosive train components. EOD instructors use the CEST to teach EOD personnel missile Rendering Safe Procedures.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY LOCATION, UIC	QUANT REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
NAVSCOLEOD Eglin AFB, 62640	1			On Board	A-431-0011 A-431-0012
TOTAL:	1				

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY:	VFA-106
LOCATION, UIC:	NAS Oceana, 09679
CIN, COURSE TITLE:	D-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
	D-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
	D-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
	D-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY:	VFA-125
LOCATION, UIC:	NAS Lemoore, 09485
CIN, COURSE TITLE:	E-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
	E-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
	E-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
	E-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY:	VMFAT-101
LOCATION, UIC:	MCAS Miramar, 45526
CIN, COURSE TITLE:	M13P4B3, F/A-18 Fleet Replacement Pilot Basic and Transition
	M13P3V3, F/A-18 Fleet Replacement Pilot Refresher
	M13P3W3, F/A-18 Fleet Replacement Pilot Modified Refresher
	M13P4C3, F/A-18 WSO Basic and Transition
	M13P3R3, F/A-18 WSO Refresher
	M13P3S3, F/A-18 WSO Modified Refresher

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY:	VMAT-203
LOCATION, UIC:	MCAS Cherry Point, 45483
CIN, COURSE TITLE:	M04P4H4, AV-8B Fleet Replacement Pilot Basic and Transition
	M04P4Q4, AV-8B Fleet Replacement Pilot Refresher
	M04P4R4, AV-8B Fleet Replacement Pilot Modified Refresher

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY:	Strike Fighter Weapons School Atlantic
LOCATION, UIC:	NAS Oceana, 40784
CIN, COURSE TITLE:	Strike Fighter Advanced Readiness Program (SFARP)
	Strike Fighter Weapons Employment (SFWE)

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY:	Strike Fighter Weapons School Pacific
LOCATION, UIC:	NAS Lemoore, 35185
CIN, COURSE TITLE:	Strike Fighter Advanced Readiness Program (SFARP)
	Strike Fighter Weapons Employment (SFWE)

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY:	VF-101
LOCATION, UIC:	NAS Oceana, 09067
CIN, COURSE TITLE:	D-2A-1601, F-14 Fleet Replacement Pilot Cat 1
	D-2A-1602, F-14 Fleet Replacement Pilot Cat 2
	D-2A-1603, F-14 Fleet Replacement Pilot Cat 3
	D-2A-1604, F-14 Fleet Replacement Pilot Cat 4
	D-2A-1605, F-14 Fleet Replacement Pilot Cat 5
	D-2D-1601, F-14 Naval Flight Officer Cat 1
	D-2D-1602, F-14 Naval Flight Officer Cat 2
	D-2D-1603, F-14 Naval Flight Officer Cat 3
	D-2D-1604, F-14 Naval Flight Officer Cat 4
	D-2D-1605, F-14 Naval Flight Officer Cat 5
	D-2A-1631
	D-2A-1634
	D-2A-1637
	D-2A-1640
	D-2D-1631
	D-2D-1634
	D-2D-1637
	D-2D-1640

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY:	Strike Weapons And Tactics School Atlantic
LOCATION, UIC:	NAS Oceana, 47157
CIN, COURSE TITLE:	Strike Fighter Advanced Readiness Program (SFARP)
	Strike Fighter Weapons Employment (SFWE)

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: Naval Strike and Air Warfare Center N7 (Topgun)
LOCATION, UIC: NAS Fallon, 69190
CIN, COURSE TITLE: Strike Fighter Training Program (SFTP)
    Strike Fighter Tactics Instructor (SFTI)
    Strike Fighter Weapons and Tactics (SFWT)

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

TRAINING ACTIVITY: MAWTS 1
LOCATION, UIC: MCAS Yuma, 55167
CIN, COURSE TITLE: Air Combat Maneuvering Instructor (ACMI)
    Air Combat Tactics Instructor (ACTI)
    Defensive Tactics Instructor (DEFTACI)
    Weapons and Tactics Instructor (WTI)

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
SFTS AIM-9M ICW	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: F/A-18 Squadrons
LOCATION, UIC: See Below

CIN, COURSE TITLE: SFTP and Training & Readiness (T&R)

TYPES OF MATERIAL OR AID: SFTS AIM-9M ICW	QUANT REQD	DATE REQD	STATUS
VFA-22, NAS Lemoore, 09561	1 Set		On Hand
VFA-25, NAS Lemoore, 09637	1 Set		On Hand
VFA-94, NAS Lemoore, 09295	1 Set		On Hand
VFA-97, NAS Lemoore, 63923	1 Set		On Hand
VFA-113, NAS Lemoore, 09092	1 Set		On Hand
VFA-115, NAS Lemoore, 09604	1 Set		On Hand
VFA-137, NAS Lemoore, 55142	1 Set		On Hand
VFA-146, NAS Lemoore, 09063	1 Set		On Hand
VFA-147, NAS Lemoore, 63925	1 Set		On Hand
VFA-151, NAS Lemoore, 09558	1 Set		On Hand
VFA-27, NAF Atsugi, 65185	1 Set		On Hand
VFA-154, NAF Atsugi, 09678	1 Set		On Hand
VFA-192, NAF Atsugi, 55179	1 Set		On Hand
VFA-195, NAF Atsugi, 09706	1 Set		On Hand
VFA-127, NAS Fallon, 08956	1 Set		On Hand
VFC-13 (TAR), NAS Fallon, 52995	1 Set		On Hand
VFA-15, MCAS Beaufort, 09015	1 Set		On Hand
VFA-34, NAS Oceana, 09070	1 Set		On Hand
VFA-37, NAS Oceana, 09478	1 Set		On Hand
VFA-81, NAS Oceana, 09221	1 Set		On Hand
VFA-82, NAS Oceana, 09122	1 Set		On Hand
VFA-83, NAS Oceana, 09223	1 Set		On Hand
VFA-86, NAS Oceana, 09943	1 Set		On Hand
VFA-87, MCAS Beaufort, 63922	1 Set		On Hand
VFA-105, NAS Oceana, 65183	1 Set		On Hand
VFA-131, NAS Oceana, 63934	1 Set		On Hand
VFA-136, NAS Oceana, 55141	1 Set		On Hand
VFC-12 (TAR), NAS Oceana, 52994	1 Set		On Hand
VFA-203 (TAR), NAS Atlanta, 09030	1 Set		On Hand
VFA-204 (TAR), NAS JRB New Orleans, 09032	1 Set		On Hand
VX-1, NAS Patuxent River, 55600	1 Set		On Hand
VX-9, NAWCWD China Lake, 55646	1 Set		On Hand
VX-9 Det, NAWCWD Point Mugu, 09830	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: F/A-18 Squadrons
LOCATION, UIC: See Below

CIN, COURSE TITLE: Squadron Training (T&R)

TYPES OF MATERIAL OR AID: SFTS AIM-9M ICW	QUANT REQD	DATE REQD	STATUS
VMFA-115, MCAS Beaufort, 09234	1 Set		On Hand
VMFA-122, MCAS Beaufort, 09407	1 Set		On Hand
VMFA-251, MCAS Beaufort, 09241	1 Set		On Hand
VMFA-312, MCAS Beaufort, 09253	1 Set		On Hand
VMFA(AW)-224, MCAS Beaufort, 01224	1 Set		On Hand
VMFA(AW)-332, MCAS Beaufort, 09501	1 Set		On Hand
VMFA(AW)-533, MCAS Beaufort, 09193	1 Set		On Hand
VMFA-212, MCAS Miramar, 09434	1 Set		On Hand
VMFA-232, MCAS Miramar, 09242	1 Set		On Hand
VMFA-235, , MCAS Miramar, 09237	1 Set		On Hand
VMFA-314, MCAS Miramar, 09230	1 Set		On Hand
VMFA-323, MCAS Miramar, 09235	1 Set		On Hand
VMFA(AW)-121, MCAS Miramar,	1 Set		On Hand
VMFA(AW)-225, MCAS Miramar, 09232	1 Set		On Hand
VMFA-112 (AR), 08954	1 Set		On Hand
VMFA-134 (AR), 09365	1 Set		On Hand
VMFA-142 (AR), 67243	1 Set		On Hand
VMFA-321 (AR), 67235	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: F-14 Squadrons
LOCATION, UIC: See Below

CIN, COURSE TITLE: Squadron Training (T&R)

TYPES OF MATERIAL OR AID: SFTS AIM-9M ICW	QUANT REQD	DATE REQD	STATUS
VFA-14, NAS Oceana, 09084	1 Set		On Hand
VF-32, NAS Oceana, 09053	1 Set		On Hand
VFA-41, NAS Oceana, 09774	1 Set		On Hand
VF-154, NAS Oceana, 09678	1 Set		On Hand
VF-211, NAS Oceana, 09086	1 Set		On Hand
VF-213, NAS Oceana, 09934	1 Set		On Hand
VF-2, NAS Oceana, 09113	1 Set		On Hand
VF-11, NAS Oceana, 09560	1 Set		On Hand
VF-102, NAS Oceana, 09717	1 Set		On Hand
VF-103, NAS Oceana, 09718	1 Set		On Hand
VF-143, NAS Oceana, 09281	1 Set		On Hand

TRAINING ACTIVITY: AV-8 Squadrons
LOCATION, UIC: See Below

CIN, COURSE TITLE: Squadron Training (T&R)

TYPES OF MATERIAL OR AID: SFTS AIM-9M ICW	QUANT REQD	DATE REQD	STATUS
VMAT-203, MCAS Cherry Point, 45483	1 Set		On Hand
VMA-223, MCAS Cherry Point, 09438	1 Set		On Hand
VMA-231, MCAS Cherry Point, 52948	1 Set		On Hand
VMA-542, MCAS Cherry Point, 52487	1 Set		On Hand
VMA-211, MCAS Yuma, 09412	1 Set		On Hand
VMA-214, MCAS Yuma, 09436	1 Set		On Hand
VMA-311, MCAS Yuma, 09416	1 Set		On Hand
VMA-513, MCAS Yuma, 09231	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: AH-1 Squadrons
LOCATION, UIC: See Below

CIN, COURSE TITLE: Squadron Training (T&R)

TYPES OF MATERIAL OR AID: SFTS AIM-9M ICW	QUANT REQD	DATE REQD	STATUS
HMT-303, MCAS Camp Pendleton, 55176	1 Set		On Hand
HMLA-169, MCAS Camp Pendleton, 09202	1 Set		On Hand
HMLA-267, MCAS Camp Pendleton, 09159	1 Set		On Hand
HMLA-367, MCAS Camp Pendleton, 09079	1 Set		On Hand
HMLA-369, MCAS Camp Pendleton, 09361	1 Set		On Hand
HMLA-167, MCAS New River, 09167	1 Set		On Hand
HMLA-269, MCAS New River, 08998	1 Set		On Hand
HMLA-775 (AR), MCAS New River, 55252	1 Set		On Hand

TRAINING ACTIVITY: NATTC, AO "A" School
LOCATION, UIC: NAS Pensacola, 63082
CIN, COURSE TITLE: C-646-2011, Aviation Ordnance Common Core Class A1
C-646-2012, Aviation Ordnanceman Navy Difference Training Strand

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: SFWS Atlantic
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: D-646-0640, F/A-18 Conventional Weapons Loading
D-646-0647, F/A-18 Conventional Release System Test

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: SFWS Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading
E-646-0647, F/A-18 Conventional Release System Test

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: SWATSLANT
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: D-646-1644, F-14A/B Conventional Weapons Loading
D-646-1645, F-14A/B Integrated Weapons Team Refresher Training
D-646-1646, F-14D Conventional Weapons Loading
D-646-0648, F-14D Integrated Weapons Team Refresher Training

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-1007 NAMTRU
LOCATION, UIC: Oceana, 66045
CIN, COURSE TITLE: C-646-9962, F-14 Armament Systems Organizational Maintenance (Initial)
C-646-9963, F-14 Armament Systems Organizational Maintenance (Career)

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Camp Pendleton, 66063
CIN, COURSE TITLE: C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 57080
CIN, COURSE TITLE: C-646-3893, AV-8B Conventional Weapons Loading
C-646-9888, AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
C-646-4109, Weapons Department General Aviation Ordnance

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU-4032 NAMTRAU
LOCATION, UIC: Norfolk, 66046
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
                          C-646-3118, Strike Armament Systems Intermediate Maintenance
                          C-646-4109, Weapons Department General Aviation Ordnance

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: North Island, 66065
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
                          C-646-3118, Strike Armament Systems Intermediate Maintenance
                          C-646-4109, Weapons Department General Aviation Ordnance

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 66047
CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: MTU-4035 NAMTRAU
LOCATION, UIC: Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
                          C-646-4109, Weapons Department General Aviation Ordnance

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Training Package	1 Set		On Hand

TRAINING ACTIVITY: NAVSCOLEOD
LOCATION, UIC: Eglin AFB, 62640
CIN, COURSE TITLE: A-431-0011, EOD Phase II (Navy)
                          A-431-0012, EOD Phase II

TYPE OF MATERIAL OR AID	QUANT REQD	DATE REQD	STATUS
AIM-9M Source Data	1 Set		On Hand

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VFA-106
LOCATION, UIC: NAS Oceana, 09679
CIN, COURSE TITLE: D-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
    D-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
    D-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
    D-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: VFA-125
LOCATION, UIC: NAS Lemoore, 09485
CIN, COURSE TITLE: E-2A-0601, F/A-18 Fleet Replacement Pilot Cat 1
    E-2A-0602, F/A-18 Fleet Replacement Pilot Cat 2A
    E-2A-0604, F/A-18 Fleet Replacement Pilot Cat 3A
    E-2A-0606, F/A-18 Fleet Replacement Pilot Cat 4

NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: SFWS Atlantic
LOCATION, UIC: NAS Oceana, 40784
CIN, COURSE TITLE: SFARP
          SFWE

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: SFWS Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: SFARP
          SFWE

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VMFAT-101
LOCATION, UIC: MCAS Miramar, 45526
CIN, COURSE TITLE: M13P4B3, F/A-18 Fleet Replacement Pilot Basic and Transition
M13P3V3, F/A-18 Fleet Replacement Pilot Refresher
M13P3W3, F/A-18 Fleet Replacement Pilot Modified Refresher
M13P4C3, F/A-18 WSO Basic and Transition
M13P3R3, F/A-18 WSO Refresher
M13P3S3, F/A-18 WSO Modified Refresher

NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6	On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6	On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6	On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6	On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: VF-101
LOCATION, UIC: NAS Oceana, 09067
CIN, COURSE TITLE: D-2A-1601, F-14 Fleet Replacement Pilot Cat 1
D-2A-1602, F-14 Fleet Replacement Pilot Cat 2
D-2A-1603, F-14 Fleet Replacement Pilot Cat 3
D-2A-1604, F-14 Fleet Replacement Pilot Cat 4
D-2A-1605, F-14 Fleet Replacement Pilot Cat 5
D-2D-1601, F-14 Naval Flight Officer Cat 1
D-2D-1602, F-14 Naval Flight Officer Cat 2
D-2D-1603, F-14 Naval Flight Officer Cat 3
D-2D-1604, F-14 Naval Flight Officer Cat 4
D-2D-1605, F-14 Naval Flight Officer Cat 5
D-2A-1631
D-2A-1634
D-2A-1637
D-2A-1640
D-2D-1631
D-2D-1634
D-2D-1637
D-2D-1640

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F-14 A/B/D, 01-F14AAA-1	Hard copy	6		On Board
NATOPS Pocket Checklist, 01-F14AAA-1B	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T (Air to Air)	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T-1 (Air to Ground)	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: Strike Weapons And Tactics School Atlantic
LOCATION, UIC: NAS Oceana, 47157
CIN, COURSE TITLE: Strike Fighter Advanced Readiness Program (SFARP)
    Strike Fighter Weapons Employment (SFWE)

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F-14 A/B/D, 01-F14AAA-1	Hard copy	6		On Board
NATOPS Pocket Checklist, 01-F14AAA-1B	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T (Air to Air)	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T-1 (Air to Ground)	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: Naval Strike and Air Warfare Center N7 (Topgun)
LOCATION, UIC: NAS Fallon, 69190
CIN, COURSE TITLE: Strike Fighter Training Instructor (SFTI)

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6		On Board
NATOPS Flight Manual Navy Model F-14 A/B/D, 01-F14AAA-1	Hard copy	6		On Board
NATOPS Pocket Checklist, 01-F14AAA-1B	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T (Air to Air)	Hard copy	6		On Board
Tactical Manual, NA-01-F14AAA-1T-1 (Air to Ground)	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MAWTS 1
LOCATION, UIC: MCAS Yuma, 55167
CIN, COURSE TITLE: Air Combat Maneuvering Instructor (ACMI)
                            Air Combat Tactics Instructor (ACTI)
                            Defensive Tactics Instructor (DEFTACI)
                            Weapons and Tactics Instructor (WTI)

NATOPS Flight Manual, A1-AV8BB-NFM-000	Hard copy	6	On Board
NATOPS Pocket Checklist, A1-AV8BB-NFM-500	Hard copy	6	On Board
Tactical Manual, A1-AV8BB-TAC-000 VOL 1	Hard copy	6	On Board
Tactical Manual, A1-AV8BB-TAC-050 VOL 2	Hard copy	6	On Board
Tactical Manual Pocket Guide, A1-AV8BB-TAC-300	Hard copy	6	On Board
NATOPS Flight Manual, 01-H1-AAC-1F	Hard copy	6	On Board
NATOPS Pocket Checklist, 01-H1-AAC-1B	Hard copy	6	On Board
Tactical Manual, 01-110-HC-1T	Hard copy	6	On Board
Tactical Manual Pocket Guide, 01-110-HC-1T (B)	Hard copy	6	On Board
NATOPS Flight Manual Navy Model F/A-18A/B/C/D, A1-F18AC-NFM-000	Hard copy	6	On Board
NATOPS Pocket Checklist, A1-F18AC-NFM-500	Hard copy	6	On Board
Tactical Manual, A1-F18AC-TAC-000	Hard copy	6	On Board
Tactical Manual Pocket Guide, A1-F18AC-TAC-300	Hard copy	6	On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: VMAT-203
LOCATION, UIC: MCAS Cherry Point, 45483
CIN, COURSE TITLE: M04P4H4, AV-8B Fleet Replacement Pilot Basic and Transition
          M04P4Q4, AV-8B Fleet Replacement Pilot Refresher
          M04P4R4, AV-8B Fleet Replacement Pilot Modified Refresher

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual, A1-AV-8BB-NFM-000	Hard copy	6		On Board
NATOPS Pocket Checklist, A1-AV-8BB-NFM-500	Hard copy	6		On Board
Tactical Manual, A1-AV-8BB-TAC-000, VOL 1	Hard copy	6		On Board
Tactical Manual, A1-AV-8BB-TAC-050, VOL 2	Hard copy	6		On Board
Tactical Manual Pocket Guide, A1-AV-8BB-TAC-300	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: HMT-303
LOCATION, UIC: MCAS Camp Pendleton, 55176
CIN, COURSE TITLE: M23P4N1, AH-1 Fleet Replacement Pilot Basic and Transition
          M23P3M1, AH-1 Fleet Replacement Pilot Refresher
          M23P3X1, AH-1 Fleet Replacement Pilot Modified Refresher

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
NATOPS Flight Manual, 01-H1-AAC-1F	Hard copy	6		On Board
NATOPS Pocket Checklist, 01-H1-AAC-1B	Hard copy	6		On Board
Tactical Manual, 01-110-HC-1T	Hard copy	6		On Board
Tactical Manual Pocket Guide, 01-110-HC-1T (B)	Hard copy	6		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: SFWS Atlantic
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: D-646-0640, F/A-18 Conventional Weapons Loading
    D-646-0647, F/A-18 Conventional Release System Test

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual, A1-F18AE-LWS-000	Hard copy	10		On Board
Release & Control (Missiles), Air to Air A1-F18AE-LWS-210	Hard copy	10		On Board
AIM-9/Sidewinder/TACTS/SAIP POD A1-F18AE-LWS-530	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: SFWS Pacific
LOCATION, UIC: NAS Lemoore, 35185
CIN, COURSE TITLE: E-646-0640, F/A-18 Conventional Weapons Loading
    E-646-0647, F/A-18 Conventional Release System Test

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual, A1-F18AE-LWS-000	Hard copy	10		On Board
Release & Control (Missiles), Air to Air A1-F18AE-LWS-210	Hard copy	10		On Board
AIM-9/Sidewinder/TACTS/SAIP POD A1-F18AE-LWS-530	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: SWATSLANT
LOCATION, UIC: NAS Oceana, 47084
CIN, COURSE TITLE: D-646-1644, F-14A/B Conventional Weapons Loading
    D-646-1645, F-14A/B Integrated Weapons Team Refresher Training
    D-646-1646, F-14D Conventional Weapons Loading
    D-646-0648, F-14D Integrated Weapons Team Refresher Training

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual, F-14 A/B/D, 01-F14AAA-75	Hard copy	10		On Board
Release & Control F-14 A/B (Basic), 01-F14AAA-75-1A1	Hard copy	10		On Board
Release & Control F-14 A/B (Missiles), 01-F14AAA-75-1A2	Hard copy	10		On Board
Release & Control F-14 D (Basic), 01-F14AAD-75-1A1	Hard copy	10		On Board
Release & Control F-14 D (Missiles), 01-F14AAD-75-1A2	Hard copy	10		On Board
AIM-9 (Sidewinder) TACTS/SAIP POD (F-14 A/B/D) 01-F14AAA-75-20	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU-1007 NAMTRAU
LOCATION, UIC: Oceana, 66045
CIN, COURSE TITLE: C-646-9962, F-14 Armament Systems Organizational Maintenance (Initial)
                           C-646-9963, F-14 Armament Systems Organizational Maintenance (Career)

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons/Stores Loading Manual, F-14 A/B/D, 01-F14AAA-75	Hard copy	10		On Board
Release & Control F-14 A/B (Basic), 01-F14AAA-75-1A1	Hard copy	10		On Board
Release & Control F-14 A/B (Missiles), 01-F14AAA-75-1A2				
Release & Control F-14 D (Basic), 01-F14AAD-75-1A1				
Release & Control F-14 D (Missiles), 01-F14AAD-75-1A2				
AIM-9 (Sidewinder) TACTS/SAIP POD (F-14 A/B/D) 01-F14AAA-75-20	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Camp Pendleton, 66063
CIN, COURSE TITLE: C-646-9361, H-1 Armament Repair Integrated Organizational Maintenance

TYPE OF MATERIAL OR AID		QUANT REQD	DATE REQD	STATUS
TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons Stores Loading Manual, 01-H1AAC-75	Hard copy	10		On Board
Release & Control (Basic), 01-H1AAC-75-1A1	Hard copy	10		On Board
Release & Control (Missiles), Air to Air 01-H1AAC-75-1A2	Hard copy	10		On Board
AIM-9M/AGM-122A/TACTS POD 01-H1AAC-75-20	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY:	NAMTRA MARUNIT
LOCATION, UIC:	MCAS Cherry Point, 57080
CIN, COURSE TITLE:	C-646-3893, AV-8B Conventional Weapons Loading
	C-646-9888, AV-8B Aircraft Ordnance Technician Integrated Organizational Maintenance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Airborne Weapons Stores Loading Manual, A1-AV8BB-LWS-000	Hard copy	10		On Board
Release & Control (Basic), A1-AV8BB-LWS-200	Hard copy	10		On Board
Release & Control (Missiles), Air to Air A1-AV8BB-LWS-210	Hard copy	10		On Board
AGM-122/AIM-9 Instrument Packages A1-AV8BB-LWS-530	Hard copy	10		On Board
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	10		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU-4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
                       C-646-4109, Weapons Department General Aviation Ordnance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I, NA 11-120A-1.1	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II, NA 11-120A-1.2	Hard copy	13		On Board
Guided Missile, AIM-9 Sidewinder, Ship Weapon Installation Manual, NA 11-120-23	Hard copy	13		On Board
Airborne Weapons Handling Equipment (Shipboard), NAVAIR 19-100-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume III Organizational and Intermediate Activities, NA 11-140-6.3	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board
Organizational/Intermediate Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, Model LAU-127A/A NA 11-75A-514	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Launcher Set Guided Missile, LAU-138 A/A NA 11-75A-84	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU-4032 NAMTRAU
LOCATION, UIC: Norfolk, 66046
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
        C-646-3118, Strike Armament Systems Intermediate Maintenance
        C-646-4109, Weapons Department General Aviation Ordnance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I, NA 11-120A-1.1	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II, NA 11-120A-1.2	Hard copy	13		On Board
Guided Missile, AIM-9 Sidewinder, Ship Weapon Installation Manual, NA 11-120-23	Hard copy	13		On Board
Airborne Weapons Handling Equipment (Shipboard), NAVAIR 19-100-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume III Organizational and Intermediate Activities, NA 11-140-6.3	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board
Organizational/Intermediate Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, Model LAU-127A/A NA 11-75A-514	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Launcher Set Guided Missile, LAU-138 A/A NA 11-75A-84	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU-4033 NAMTRAU
LOCATION, UIC: North Island, 66065
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
        C-646-3118, Strike Armament Systems Intermediate Maintenance
        C-646-4109, Weapons Department General Aviation Ordnance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I, NA 11-120A-1.1	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II, NA 11-120A-1.2	Hard copy	13		On Board
Guided Missile, AIM-9 Sidewinder, Ship Weapon Installation Manual, NA 11-120-23	Hard copy	13		On Board
Airborne Weapons Handling Equipment (Shipboard), NAVAIR 19-100-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume III Organizational and Intermediate Activities, NA 11-140-6.3	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board
Organizational/Intermediate Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, Model LAU-127A/A NA 11-75A-514	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Launcher Set Guided Missile, LAU-138 A/A NA 11-75A-84	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 66047
CIN, COURSE TITLE: C-646-3105, Aviation Ordnance Intermediate Maintenance Technician

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume III Organizational and Intermediate Activities, NA 11-140-6.3	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board
Organizational/Intermediate Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, Model LAU-127A/A NA 11-75A-514	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Launcher Set Guided Missile, LAU-138 A/A NA 11-75A-84	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: MTU-4035 NAMTRAU
LOCATION, UIC: Whidbey Island, 66058
CIN, COURSE TITLE: C-122-3111, Air Launched Guided Missiles Intermediate Maintenance
C-646-4109, Weapons Department General Aviation Ordnance

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Organizational and Intermediate Maintenance with Illustrated Parts Breakdown, Sidewinder Guided Missile AIM-9G/H/L/M and Training Missile NA 01-AIM9-2	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume I, NA 11-120A-1.1	Hard copy	13		On Board
Airborne Weapons Packaging/Handling/ Stowage (Shipboard) Volume II, NA 11-120A-1.2	Hard copy	13		On Board
Guided Missile, AIM-9 Sidewinder, Ship Weapon Installation Manual, NA 11-120-23	Hard copy	13		On Board
Airborne Weapons Handling Equipment (Shipboard), NAVAIR 19-100-2	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume I Air Intercept Missiles (Tactical) Organizational and Intermediate Activities, NA 11-140-6.1	Hard copy	13		On Board
Airborne Weapons Assembly Manual Air Launched Guided Missiles and Selected Vehicles Volume III Organizational and Intermediate Activities, NA 11-140-6.3	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, LAU-7/A Series NA 11-75A-54	Hard copy	13		On Board
Organizational/Intermediate Maintenance with Illustrated Parts Breakdown, Aircraft Guided Missile Launcher, Model LAU-127A/A NA 11-75A-514	Hard copy	13		On Board
Organizational, Intermediate and Depot Maintenance with Illustrated Parts Breakdown, Launcher Set Guided Missile, LAU-138 A/A NA 11-75A-84	Hard copy	13		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

TRAINING ACTIVITY: NAVSCOLEOD
LOCATION, UIC: Eglin AFB, 62640
CIN, COURSE TITLE: A-431-0011, EOD Phase II (Navy)
A-431-0012, EOD Phase II

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Explosive Ordnance Disposal Book, EODB6OG-02-2-34-5	CD-ROM	150		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: EODTEU ONE
LOCATION, UIC: San Diego CA, 30202
CIN, COURSE TITLE: G-431-0001, EOD Pre-deployment Team Training

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Explosive Ordnance Disposal Book, EODB6OG-02-2-34-5	CD-ROM	4		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

TRAINING ACTIVITY: EODTEU TWO
LOCATION, UIC: Fort Story VA, 43505
CIN, COURSE TITLE: G-431-0001, EOD Pre-deployment Team Training

TECHNICAL MANUAL TITLE, NUMBER	MEDIUM	QUANT REQD	DATE REQD	STATUS
Explosive Ordnance Disposal Book, EODB6OG-02-2-34-5	CD-ROM	4		On Board

NOTE: For a complete listing of required technical manuals refer to applicable training course control document.

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PMA205	Commenced analysis of manpower personnel and training requirements	May 86	Completed
PMA205	Promulgated Draft NTP to ALCON for Review and Comment	Jan 87	Completed
PMA205	Proposed NTP A-50-8105A Submitted to OPNAV	May 87	Completed
N889	Approved and Promulgate NTP A-50-8105A	Sep 89	Completed
OPTEVFOR	Commenced AIM-9M-8 OPEVAL	May 93	Completed
PMA259	AIM-9M-8 CGS Retrofit Kit Contract Awarded	FY 94	Completed
PMA205	Curricula Materials Delivered	Jan 94	Completed
PMA205/NSAWC	Commenced AIM-9M-8 Initial Training	Sep 94	Completed
PMA259	Began Fleet Introduction	May 95	Completed
N889	Approved and Promulgated NTP A-50-8105B	Jan 97	Completed
PMA205	Promulgated Draft NTSP to ALCON for Review and Comment	Jul 01	Completed
N789	Approved and Promulgated NTSP	Feb 01	Completed

PART VI - ACTION ITEMS/ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
Include detailed listing of CATM requirements to the squadron level	PMA205	FY96	Completed in NTP A-50-8105B dated Jan 97
Show 18 CATM/squadron requirement for F/A-18B/D community	PMA205	FY01	Completed in NTSP N78-NTSP-A-50-8105C/D
Comply with CNO's NCEA policy on CATM/DATM requirements provided in OPNAVINST 8010.99 Ordnance Stockpile Management Instruction	PMA259/205	FY02	Completed in NTSP N78-NTSP-A-50-8105C/P

PART VII - POINTS OF CONTACT

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PART VII - POINTS OF CONTACT

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PART VII - POINTS OF CONTACT

SUMMARY OF COMMENTS

ON THE

AIM-9M SIDEWINDER MISSILE SYSTEM

(FOR MODELS THROUGH AIM-9M-10)

DRAFT NAVY TRAINING SYSTEM PLAN

N78-NTSP-A-50-8105C/D

NOVEMBER 2001

Prepared by: NAVAIR PMA205-3J
Contact at: (301) 757-8104
Date submitted: 14 January 2002

**COMMENTS / RECOMMENDATIONS ON THE
AIM-9M SIDEWINDER
DRAFT NAVY TRAINING SYSTEM PLAN**

TABLE OF CONTENTS

ACTIVITY NAME: Commander, Naval Air Force, Pacific (CNAP)

COMMENT: List of Acronyms:

Add the following acronyms on page iii; AIM, AWB, AWC, BSU, DOLT, DSU, WGU, WDU.

INCORPORATED: AIM, AWB, AWC and DOLT added.

REMARKS: BSU, DSU, WGU and WDU not added – these are part of the nomenclature for wings and missile sections and it is not the accepted convention to spell them out.

COMMENT: Acronyms on page iv.

Delete the following NAMTRAGRU and NAMTRAGRUDET.

INCORPORATED: No

REMARKS: These acronyms are used in the document and the activities still exist.

COMMENT: Page I-2. Item-1. Third Para.

Is the AIM-9M-8 compatible with the F/A-18E/F? Needs to be addressed due to the upgrade retrofit of the new AIM-9M-10 that meets the requirement of the F/A-18E/F. **Note**: The following platforms addressed as the AV-8, F-14, F/A-18, and AH-1, utilizing the AIM-9M-8 does not meet the requirement for the F/A-18E/F.

INCORPORATED: Yes.

REMARKS: The AIM-9M-8 is not authorized for loading on the F/A-18E/F model aircraft.

COMMENT: Page I-7 Para 3.b.

Next to last sentence, change "Intermediate" to read "intermediate".

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-12: (2) (b):

Here and throughout, change LAU-7, LAU-127 and LAU 138 to read "series" vice "A/A", etc. This will allow for changes, and better identify the launchers. (LAU-7A/A for example is no longer a valid asset).

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-16: In the "skill identifier"

>The data implies the Air Launched Guided Missile Intermediate Maintenance course provides the NEC AO 6801. This is in error. In order to get an NEC you would have to complete the entire Track 646-7007, **Note**: Course C-122-3111 is taught within a track not as a stand alone course.

INCORPORATED: No

REMARKS: Skill identifier identifies the end result of training. The "CIN" column identifies C-122-3111 as part of the D/E-646-7007 NEC (6801) track.

COMMENT: Page I-21:

>MOS 6511/MOS 6531 information needs to be placed with "Figure 1-4 on page I-22, or maybe move the date shown on the bottom of page I-21 to correct the problem.

INCORPORATED: Yes

REMARKS: The MS Word document was setup so that the table will not be split over two pages. When the document was converted to PDF file format, this feature was not carried over. Additional attention will be applied when converting the document in the future.

COMMENT: Page I-25: Para 3.b,

>Implies the F-14 falls under the Strike Fighter Wing. The F-14's have their own wing.

INCORPORATED: Yes

REMARKS: FTRWING and SWATSLANT added.

COMMENT: Page IV-7:

>Training Activity Location, UIC: "NAS Yokosuka" should read "NAF Atsugi", and change the UIC if applicable. Here and throughout the NTSP.

INCORPORATED: Yes

REMARKS: UIC is the same.

COMMENT: Page IV-9: VF-154

>Is really in Japan, Atsugi and KITTY HAWK, may make a supporting difference.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page IV-11:

Training Devices. Spot check of MTU-4033 and MTU-4035 indicate that the "on board" is not correct, 4033 has no AIM-9M, only AIM-9L, and 4035 has only one AIM-9M.

INCORPORATED: Yes

REMARKS: The following equipment is on-hand: MTU-4030, (2) DATM-9L; MTU-4032, (2) DATM-9L; MTU-4033, (2) DATM-9L; MTU-4034, (1) DATM-9L (1) CATM-9M; MTU-4035, (1) DATM-9M; AO "A" School, (4) DATM-9L.

COMMENT: Page IV-29:

Need to add the NA11-140.6 series manuals for fleet use. Here and throughout this NTSP.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page IV-33:

Add NA11-140-6.3, to address the CATM and DATM weapons.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page IV-33:

If the LAU-7 manual NA11-75A-54 is list, add the manual for the LAU-127 and the LAU-138 to the listing.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page VII-1, VII-2:

Why is David Stokes a MAJ on VII-1 and a LCOL on VII-2?

INCORPORATED: Yes

REMARKS: None

COMMENT: Page VII-5:

Dennis Bobbitt's e-mail address is incorrect. Should be "navair" vice "natec:.

INCORPORATED: Yes

REMARKS: None

ACTIVITY NAME: Commander, Naval Education and Training (CNET)

COMMENT: Global

Change reference to CBT, CAI and/or ICW to Interactive Multimedia Instruction (IMI) throughout the document. CAI, CBT, and ICW are all encompassed in IMI. CMI is an integral part of IMI in that it allows for User registration, tracking and scoring to mention a few.

INCORPORATED: No

REMARKS: The existing language conveys the necessary information to the level required to distinguish between the components of IMI.

COMMENT: Information

The Shareable Content Object Reference Manual (SCORM) is out in version 1.2. This document is an iterative one in that it will be modified as technology and capabilities change. Any organization involved in the development of IMI should become very familiar with the SCORM (available at www.adlnet.org) as well as the contractors actually doing the work.

INCORPORATED: NA

REMARKS: None

COMMENT: Include a point of contact for IMI in the NTSP.

The NTSP should identify the organization responsible for Life Cycle Management (LCM) for IMI. Since these training products require the use of computers, equipment availability needs to be addressed. If existing workstations will be used, the NTSP should state this. If more computers are required this should be identified.

INCORPORATED: No

REMARKS: Multiple IMI and schools are discussed in this NTSP. Each activity has its own organizational structure to handle IMI. The APMTS and activity points of contact are already provided in Section VII.

COMMENT: I-H.4. TRAINING CONCEPT.

Studies show that time in training can be reduced by 30% generally and up to 50% in some cases with no degradation of knowledge acquired or skill performance. By developing Core subjects that cross many CINs, i.e., Basic Theory, Safety Precautions, Technical Publications and Missile Reporting Procedures in IMI it ensures standardization and ease of revision (revise one for one CIN and all CINs are revised). The same can be said for each of the Strand courses that are used in multiple CINs. IMI delivered in an Advanced Electronic Classroom with instructor will surely decrease the cost of the training over time and will allow for much of the course(s) to be exported to the worksite for refresher training if desired. The training material, including references, may be developed as an Interactive Electronic Technical Manual IETM and this allows for almost immediate update with all having access to the revised documentation. Again with proper design strategy the course(s) could be used for initial skill (performance)/knowledge, training, procedural training, and refresher training.

INCORPORATED: NA

REMARKS: This is a larger issue that must be addressed by CNET within its own chain of command. In many cases, the move to the electronic classroom is taking place; however, it is not explicitly discussed in this NTSP.

COMMENT: I-H.4.a. INITIAL TRAINING.

Is all training face-2-face or has IMI been incorporated into some delivery aspects of the training?

INCORPORATED: NA

REMARKS: Operator (pilot) training includes briefs (face-2-face) and ICW. Maintenance training currently only includes classroom and lab (face-2-face). The successor missile (AIM-9X) will include IMI for both operator and maintainers. See the AIM-9X NTSP for details.

COMMENT: I-H.4.b. FOLLOW-ON TRAINING.

Training is in place. No mention if IMI or IETMs is used.

INCORPORATED: No

REMARKS: See IV.B.2 and IV.B.3.

COMMENT: I-H.4.b. (1) TRAINING AIDS.

> AIRCREW INTERACTIVE COURSEWARE. The comment on CBT and ICW appears as if they are 2 different delivery methodologies or applications when in fact they are the same. As stated above those 2 abbreviations have been replaced by IMI (which is the umbrella term for CAI, CBT, ICW, etc.

INCORPORATED: NA

REMARKS: The ICW mentioned is specific to the AIM-9M, while the discussion around CBT is general for the SFTS. CBT is not necessarily ICW. Some CBT is page turning without true user interactivity. CBT is more a "delivery methodology" without distinction of the level of interactivity used to convey knowledge and skills.

COMMENT: I-I.l.a. Maintenance Training Improvement Program.

> Could be the basis to determine through analysis of the specific topics that must be taught those that would best be converted to IMI.

INCORPORATED: NA

REMARKS: None

COMMENT: Page i thru page vii

> Has the title noted as AIM-9X.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-4 paragraph 3

> Is the only place in this NTSP that mentions the -9SW, (Is this NTSP for the -8 and -10SW or for the -8 and -9SW or is there just a misprint on this message?)

INCORPORATED: NA

REMARKS: The AIM-9M-8 is used by the Navy only, while the AIM-9M-9 is used by the Air Force only. The configurations are essentially the same, but differ by how they receive coolant to cool the IR seeker element – the Navy model receives external coolant from the launcher, while the Air Force model has an internal coolant tank in the guidance section. The AIM-9M-10 is used by the Navy only and is a configuration designed specifically for the F/A-18E/F model aircraft.

COMMENT: I-H.4.b (4) (c) Table I-11 DESCRIPTION

> Paragraph needs to have LHD added.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page 20 Table I-12

EOD course is labeled as an AIM-9X course title.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page IV-1 paragraph IV.A.1

Training Activity NATTC AO "A" School item #5 has no status listed.

INCORPORATED: Yes

REMARKS: None

ACTIVITY NAME: Commander, Strike Fighter Wing, Pacific (CSFWP)

COMMENT: General

>   Need to add VFA-122 to the NTSP for a total 20 CATM-9's.

INCORPORATED: Yes

REMARKS: None

COMMENT: General

>   Need to remove VF-14/41 from the draft NTSP plan and add VFA-14/41 to the NTSP.

INCORPORATED: Yes

REMARKS: None

COMMENT: General

>   CATMs required will be 10 each.

INCORPORATED: NA

REMARKS: Most F-14 and F/A-18 operational squadrons require 10 CATM-9M; however, USMC F/A-18B/D model aircraft squadrons require 18 CATM-9M.

COMMENT: General

>   Do we at this time want to add a new statement that covers transitioning squadrons (VF to VFA) in the NTSP? This will be a never end item for sometime, just a thought.

INCORPORATED: No

REMARKS: Changes will be incorporated as they occur; however, squadrons that are planned to transition can be identified using a note or highlight.

COMMENT: Information

>   VFA-102 and VFA-103 start transitioning in FY03.

INCORPORATED: NA

REMARKS: None

ACTIVITY NAME: Commanding Officer, Naval Air Warfare Center Training Systems Division (NAWCTSD)

COMMENT: General

A review of Parts III (Training Requirements) and IV (Training Logistics Support Requirements) show a slight training impact based upon this NTSP. The additional missile status tones introduced in the AIM-9M-8 missile seem to have a very small impact *on* aircrew training. The strike fighter squadrons will be given a familiarization video to introduce the new missile capability. Interactive courseware to support missile status tone training will also be given to these squadrons. Existing skills are apparently adequate to operate and maintain the AIM-9M-8 and AIM-9M-10 missile. A small amount of training time will need to be taken within the existing curriculum to train these new features of the AIM-9M-8 missile at the strike fighter squadrons. No new billets are needed to support the AIM-9M-8 *and* AIM-9M-10 missile.

INCORPORATED: NA

REMARKS: None

COMMENT: Concerning training hardware cited on Page IV-2 in Section IV.A.1

At the NATTC AO "A" School, item number 005- the AN/AWM-100 is not stated as being "on hand. Is this hardware *now* available at NATTC AO "A" School or will it be in the future?

INCORPORATED: Yes

REMARKS: NATTC AO "A" School does not currently have the AN/AWM-100 on-hand; however, they will receive an asset when the AN/AWM-100 are modified as part of the F/A-18C/D Digital Wing Tip ECP. This is being coordinated through the AIM-9X program.

COMMENT: General

There needs to be a List of Tables presented. Tables 1-1 through 1-15 with their corresponding pages should be listed after the Table of Contents.

INCORPORATED: Yes

REMARKS: None

COMMENT: Acronyms

The following acronyms were not found in the acronym list, but were found in the text, they should be included in the Acronym List:

CM	Countermeasures
DLA	Defense Logistics Agency
NAVICP	Naval Inventory Control Point
NS	Naval Station
NTRDM	Navy Training Requirements Documentation Manual
TOPGUN	NSAWC N7
OPO	OPNAV Principal Official
OT-IIA	Operational assessment
OT-IIB	Operational evaluation

INCORPORATED: Yes

REMARKS: None

COMMENT: Acronyms

The following acronyms were found in the Acronym List but not defined in the text- they should be defined in the text:

AO	Aviation Ordnanceman
AT	Aviation Electronics Technician
CATM	Captive Air Training Missile
CCM	Counter-Countermeasures
CNO	Chief of Naval Operations
COTS	Commercial off-the-shelf
CV	Aircraft Carrier
CVN	Aircraft Carrier, Nuclear
ETS	Electronic and Technical Services
FREST	Fleet Replacement Enlisted Skills Training
ILSP	Integrated Logistics Support Plan
MAWTS	Marine Corps Air Weapons and Tactics School
MACAF	Marine Corps Air Facility
MCAS	Marine Corps Air Station
MOS	Military Occupational Specialty
MTU	Maintenance Training Unit
NALCIMSD	Naval Logistics Center Inventory Management and Systems Division
NAMTRAGRU	Naval Air Maintenance Training Group
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAMTRAU	Naval Air Maintenance Training Unit
NAS	Naval Air Station
NAVAIRSYSCOM	Naval Air Systems Command
NAVSCOLEOD	Navy EOD School
NEC	Navy Enlisted Classification
OPEVAL	Operational Evaluation
OPNAV	Chief of Naval Operations
PDA	Principal Development Agency
PMA	Program Manager, Air
SELRES	Selective Reserves
SFWS	Strike Fighter Weapons School
SFWSL	Strike Fighter Weapons School, Atlantic
SFWSP	Strike Fighter Weapons School, Pacific
TBD	To Be Determined
TD	Training Device
TTE	Technical Training Equipment
USMC	United States Marine Corps
USN	United States Navy
VMAT	Marine Attack Training Squadron
VMFAT	Marine Fighter Attack Training Squadron

INCORPORATED: Yes

REMARKS: **F**REST are currently called NAMTRA MARUNIT which has been added.

ACTIVITY NAME: Naval Air Systems Command, PMA259/AIR-3.1.3E

COMMENT: Information

Comply with CNO's NCEA policy on CATM/DATM requirements provided in OPNAVINST 8010.99 Ordnance Stockpile Management Instruction.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-1 NTSP Principles:

Change "(N88)" to "(N78)" and change "(N880C7)" to "(N781C8)".

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-2 Operational Uses:

Second paragraph, last line, change "infrared" to "Infrared".

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-3 Description of New Development:

Change "Letterkenny Munitions Center (LEMC)" to "Letterkenny Army Depot (LEAD)". Also, the AIM-9X will not impact the 9M inventory until FY06.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-3 1.a. 12th line,

Change "retrofit" to "retrofitted". 13th line,

Change "325" to "250".

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-5 3. 8th line

Change "325" to "250".

INCORPORATED: Yes
REMARKS: None

COMMENT: Page I-7 (2) Last line

Change "Letterkenny Army Depot" to "LEAD".

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-11 Table I-4

Change the AIM-9M-10 NALC from "TBD" to "WF57" and the CATM-9M-27 (W&F) NALC from "TBD" to "WF55".

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-15 (3) 4th line

Change "Attach" to "Attack".

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-16 (c) 5th line

Change "therefor" to "therefore"

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-29 K. 1. e. 6th line

Change "325" to "250".

INCORPORATED: Yes

REMARKS: None

COMMENT: Page I-30 Table I-14

Change "AIR-3.1L" to "AIR-3.1.3E" in all 3 places.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page II-1

Change font to be consistent throughout the document.

INCORPORATED: No.

REMARKS: Using established format for NTSP.

COMMENT: Page VII-3

Mr. Gene Jaeger – Change to "Mr.Paul Escallier" email "escallierpm@navair.navy.mil. Everything else remains the same.

INCORPORATED: Yes

REMARKS: None

COMMENT: Page VII-5

Mr. Joe Dysinger – Change his title from "Supply Support" to "Missile Program Manager".

INCORPORATED: Yes

REMARKS: None

COMMENT: POCs

Ms. Sharon Barone – Replace all with: Mr. Roger Marcum, COMM: (805) 484-6587, Supply Support, DSN: 893-6587, NAWCWD PM, 321200E, FAX: (805) 484-6266, marcumra@navair.navy.mil

INCORPORATED: Yes

REMARKS: None

COMMENT: Page IV-6   VFA-122, STATUS

The ECP has been approved and CATMs being delivered. COURSES SUPPORTED – This needs to be filled in.

INCORPORATED: Yes/No

REMARKS: CATM status was updated. Courses number(s) supported are still being researched, but will be included prior to posting the approved NTSP on the website.